FORM 3

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

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER: Spratt 3-26B5
2. TYPE OF WORK: DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○		3. FIELD OR WILDCAT: ALTAMONT
4. TYPE OF WELL: Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR: EL PASO E&P COMPANY, LP		7. OPERATOR PHONE: 303 291-6417
8. ADDRESS OF OPERATOR: 1099 18th ST, STE 1900 , Denver, CO, 80202		9. OPERATOR E-MAIL: marie.okeefe@elpaso.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE): FEE	11. MINERAL OWNERSHIP: FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	12. SURFACE OWNERSHIP: FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
13. NAME OF SURFACE OWNER (if box 12 = 'fee'): HAL C SPRATT		14. SURFACE OWNER PHONE (if box 12 = 'fee'): 8015711226
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee'): 12916 SOUTH 1300 EAST, DRAPER, UT 84020		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS: YES ○ (Submit Commingling Application) NO ◉	19. SLANT: VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1333 FSL 1230 FEL	NESE	26	2.0 S	5.0 W	U
Top of Uppermost Producing Zone	1333 FSL 1230 FEL	NESE	26	2.0 S	5.0 W	U
At Total Depth	1333 FSL 1230 FEL	NESE	26	2.0 S	5.0 W	U

21. COUNTY	22. DISTANCE TO NEAREST LEASE LINE (Feet)	23. NUMBER OF ACRES IN DRILLING UNIT
DUCHESNE	1230	640
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed): 3000	26. PROPOSED DEPTH: MD: 14600 TVD: 14600
27. ELEVATION - GROUND LEVEL: 6146	28. BOND NUMBER: 400JU0708	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE: WATER RIGHT 43-7323 DUCHESNE CITY WATER

ATTACHMENTS

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

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME: Marie Okeefe	TITLE: Sr Regulatory Analyst	PHONE: 303 291-6417
SIGNATURE	DATE: 04/12/2010	EMAIL: marie.okeefe@elpaso.com

API NUMBER ASSIGNED	APPROVAL
43013503020000	Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Cond	17.5	13.375	0	1000		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	1000	54.5			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
I1	8.75	7	0	10058		
Pipe	**Grade**	**Length**	**Weight**			
	Grade P-110 LT&C	10058	29.0			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	6.125	4.5	0	14600		
Pipe	**Grade**	**Length**	**Weight**			
	Grade P-110 LT&C	4742	13.5			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	9.625	0	4000		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	4000	40.0			

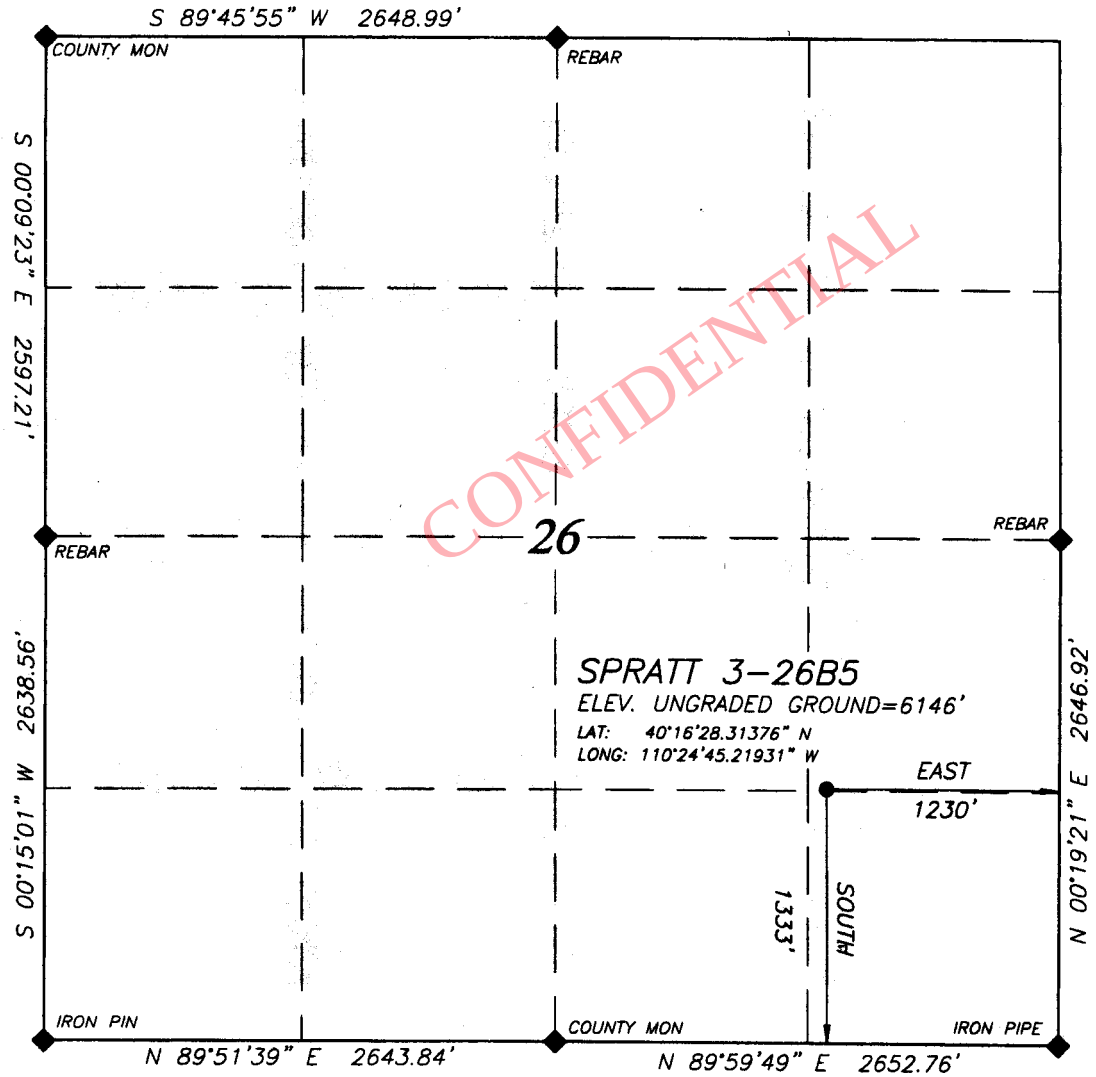
'APIWellNo:43013503020000'

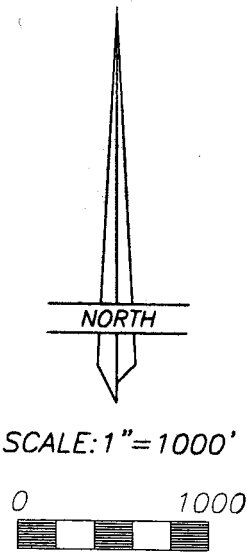
EL PASO E & P COMPANY, L.P.

WELL LOCATION

SPRATT 3-26B5

LOCATED IN THE NE¼ OF THE SE¼ OF SECTION 26, T2S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH





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

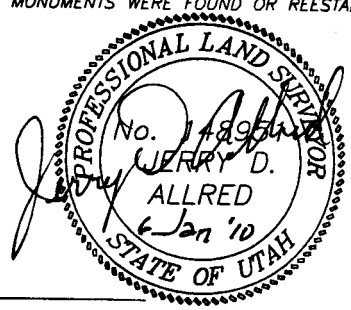
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90466"N AND LONG. 110°24'29.50964"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.



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

6 JAN 2010 01-128-131

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

Spratt 3-26B5
NESE Sec. 26, T2S, R5W
DUCHESNE COUNTY, UT

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

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

Formation	Depth
Green River	5,103’
Mahogany Bench	6,973’
L. Green River	8,348’
Wasatch	9,958’
TD	14,600’

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

Substance	Formation	Depth
	Green River	5,103’
	Mahogany Bench	6,973’
Oil	L. Green River	8,348’
Oil	Wasatch	9,958’

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

A 4.5” by 20.0” rotating head on structural pipe from surface to 1000’. A 4.5” by 13 3/8” Smith Rotating Head from 1000’ to 4000’ on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 4000’ to 10,058’. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 10,058’ to TD.
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 nippled 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 lest and 2500 psi high test or 50% of rated working pressure. A 10M BOP installed with 5M annular with 3 ½" rams, blind rams, mud cross and rotating head from intermediate shoe 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 preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision Rig #406 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 – 4,000' 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) Shakers

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

Please refer to the attached Casing and Cementing Program.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.4 – 9.0
Intermediate	WBM	8.4 – 10.5
Production	WBM	9.5 – 13

Anticipated mud weights are based on actual offset well mud weights with safety margin. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program**:

   Please refer to the attached Logging Program.

7. **Abnormal Conditions:**

   Maximum anticipated bottom hole pressure calculated at 14,600' TD equals approximately 9,869 psi (calculated at 0.676 psi/foot).

   Maximum anticipated surface pressure equals approximately 6,657 (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

   Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,058' = 8,046 psi

   BOPE and casing design is based on the lesser of the two MASPs which is anticipated BHP – partially evacuated gradient 6,657 psi

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

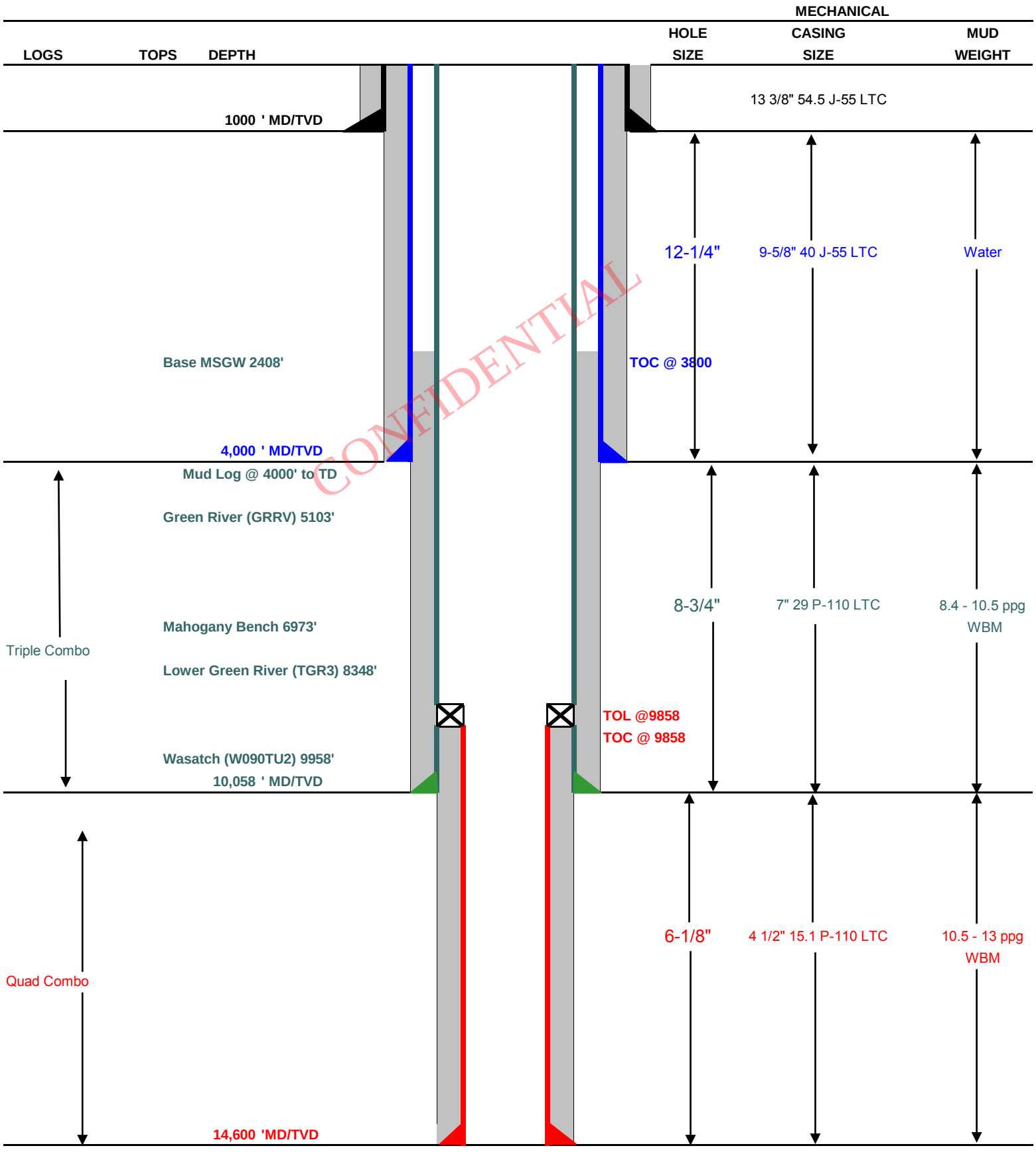
'APIWellNo:43013503020000'

WBD int

elpaso Production

Drilling Schematic

Company Name:	El Paso Exploration & Production	**Date:**	March 24, 2010
Well Name:	SPRATT 3-26B5	**TD:**	14,600
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	**AFE #:**	
Surface Location:	Sec 26 T2S R5W 1333' FSL 1230' FEL	**BHL:**	Straight Hole
Objective Zone(s):	Green River, Wasatch	**Elevation:**	6153'
Rig:	Precision drilling 406	**Spud (est.):**	
BOPE Info:	5.0 x 13 3/8 rotating head from 600 to 4000 11 5M BOP stack and 5M kill lines and choke manifold used from 4000 to 10058 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10058 to TD		



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WBD int

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
						2,730	1,140	1,399
CONDUCTOR	13 3/8"	0' - 1000	54.5	J-55	LTC	3.41	2.44	25.67
						3,950	2,570	520
SURFACE	9-5/8"	0' - 4000	40.00	J-55	LTC	1.23	1.30	2.20
						11,220	8,530	797
INTERMEDIATE	7"	0' - 10058	29.00	P-110	LTC	1.39	1.55	2.31
						14,420	14,350	406
PRODUCTION LINER	4 1/2"	9858' - 14600	15.10	P-110	LTC	4.70	1.454	2.58

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		1000	C lass G + 3% CACL2	670	10%	15. 6 ppg	1.15
SURFACE	Lead	3,500	Premium Lite II Plus, 2% CaCl2 0.3% FL52	430	25%	11.0 ppg	3.2
			0.5% Sodium Metasilicate				
	Tail	500	Class G 50:50 poz, 2% CaCl2, 2% gel	160	25%	14.4 ppg	1.25
			0.3% sodium metasilicate				
INTERMEDIATE	Lead	5,758	CemCRETE Blend	660	25%	12.49 ppg	1.65
			55.9/44.1 (D961/D124) + 0.2 %bwob D65 +				
			0.2 %bwob D46 + 0.4 %bwob D13 +				
			0.2 %bwob D167				
	Tail	500	10:0 RFC (Class G)	60	25%	14.1 ppg	1.62
PRODUCTION LINER		4,742	WellBond Slurry	310	25%	14.5 ppg	1.86
			Class G + 35% D66 + 1.6 gps D600G +				
			0.05 gps D80 + 0.3% D167 + 0.2% D46 +				
			0.4% D800 + 1% D20				

FLOAT EQUIPMENT & CENTRALIZERS

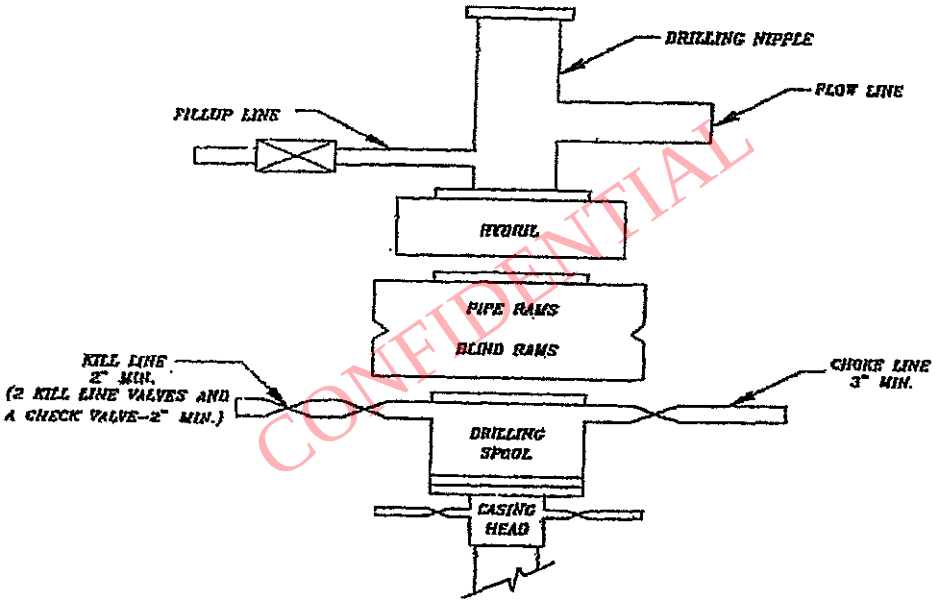
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install 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

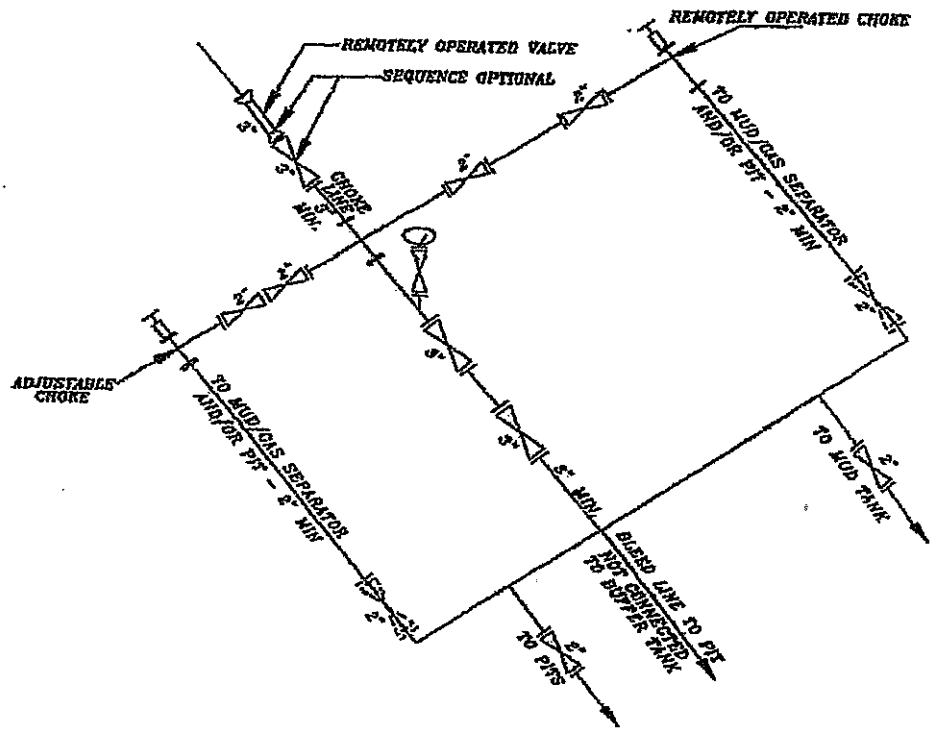
PROJECT ENGINEER(S): _____

MANAGER: Eric Giles 303.291.6446

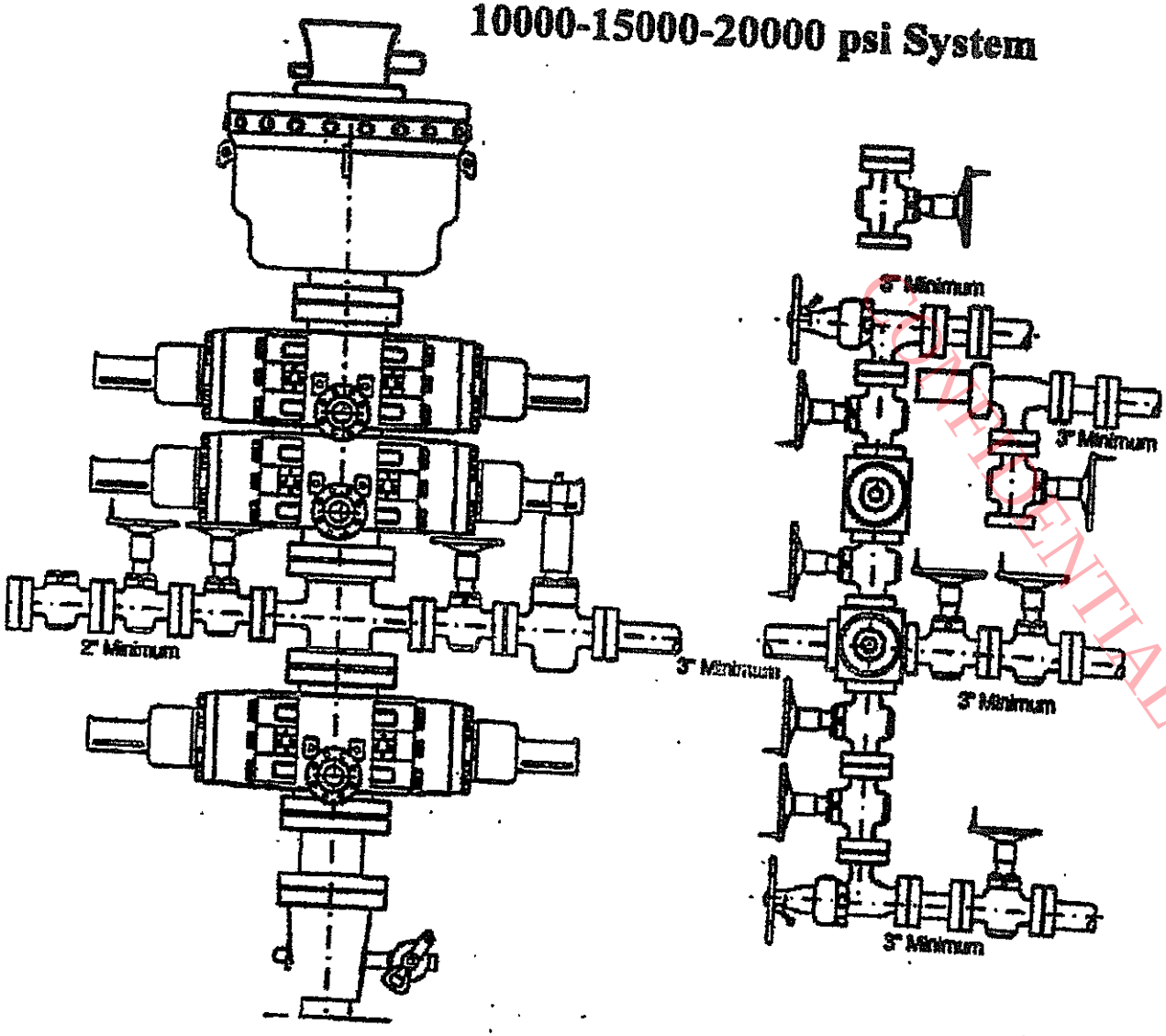
'APIWellNo:43013503020000'

5M BOP STACK and CHOKE MANIFOLD SYSTEM





10000-15000-20000 psi System



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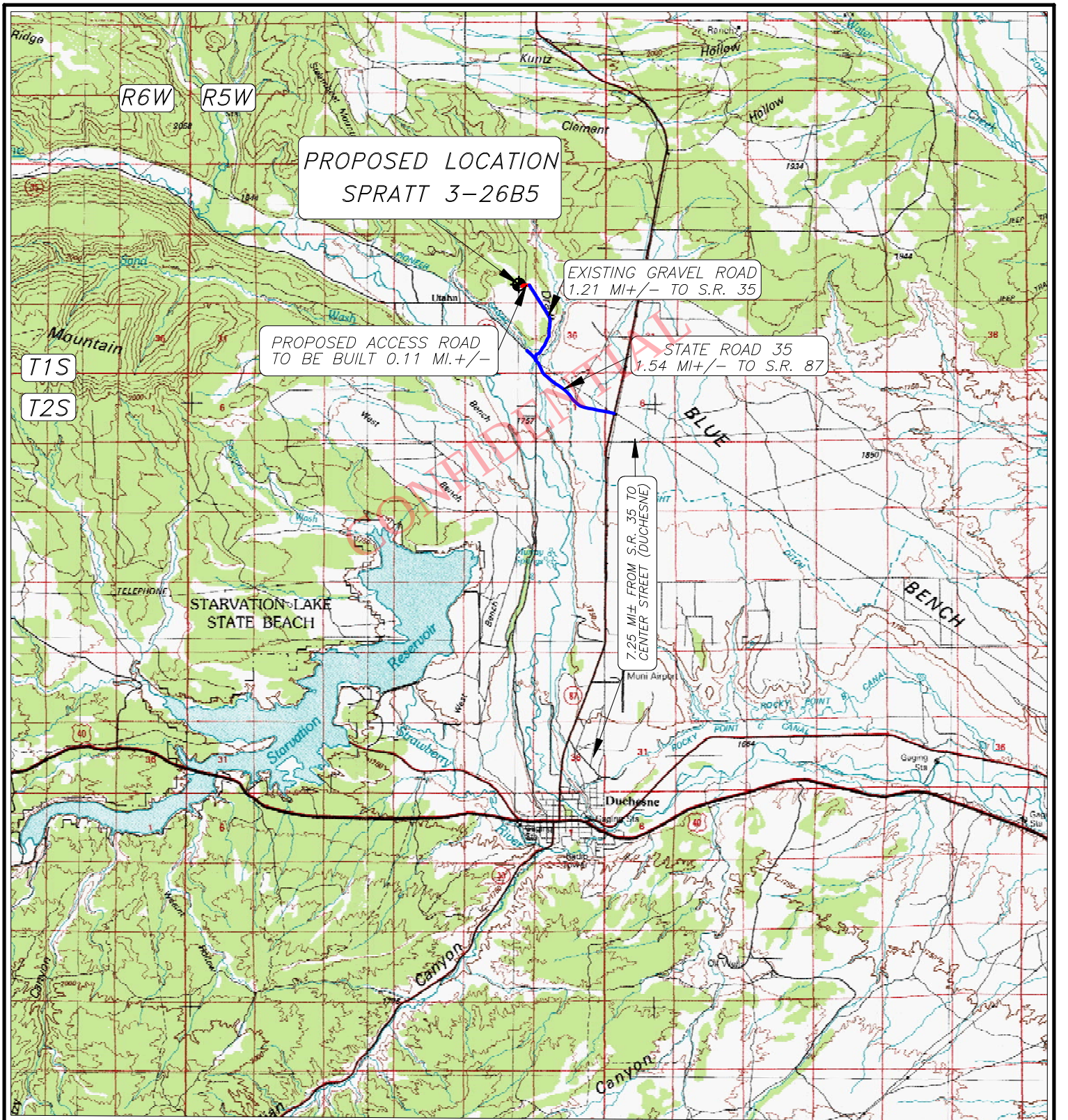


LEGEND:

PROPOSED WELL LOCATION

01-128-131

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

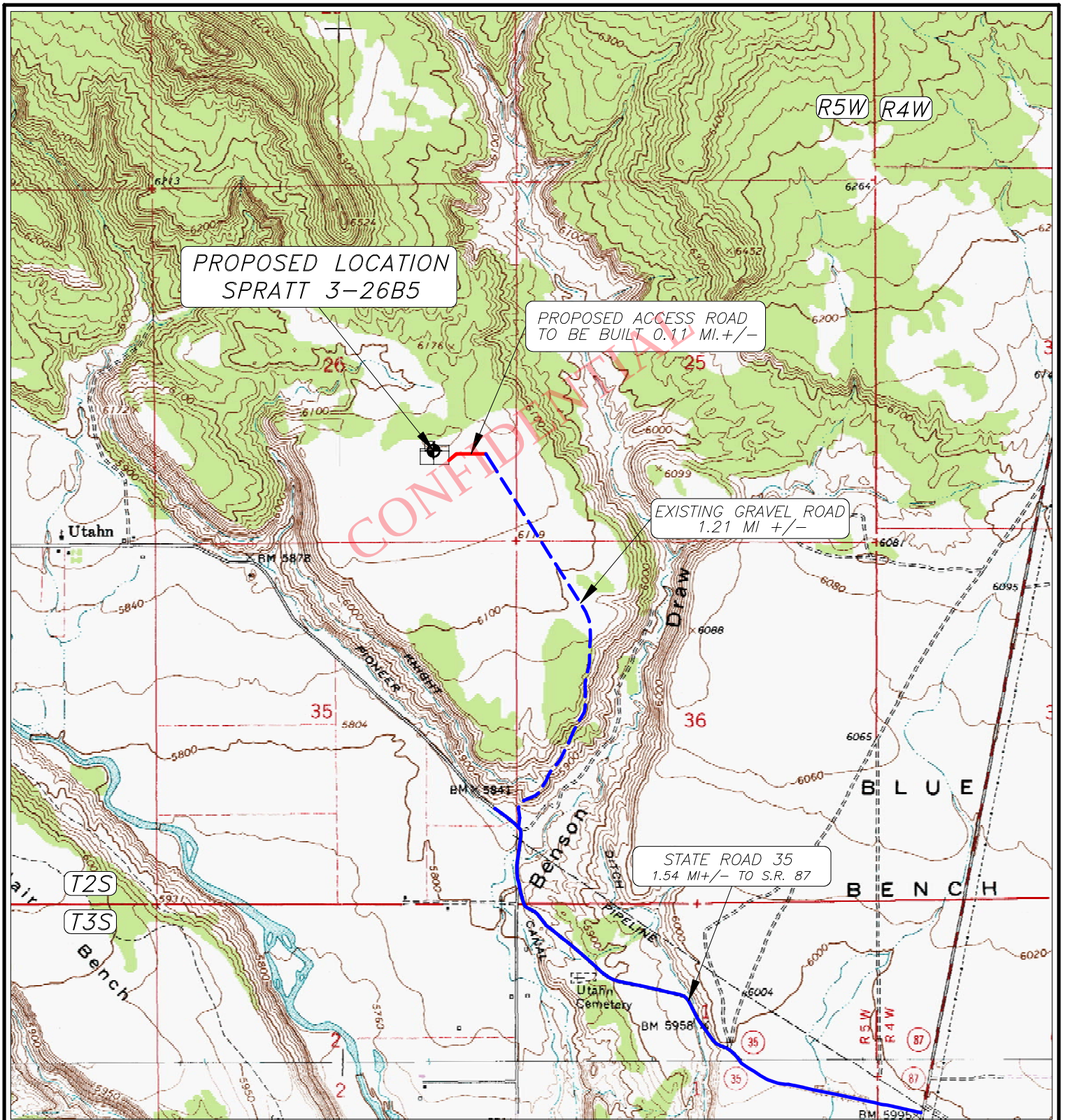
EL PASO E & P COMPANY, L.P.

SPRATT 3-26B5
SECTION 26, T2S, R5W, U.S.B.&M.
1333' FSL 1230' FEL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'
6 JAN 2010

'APIWellNo:43013503020000'



LEGEND:

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

01-128-131

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

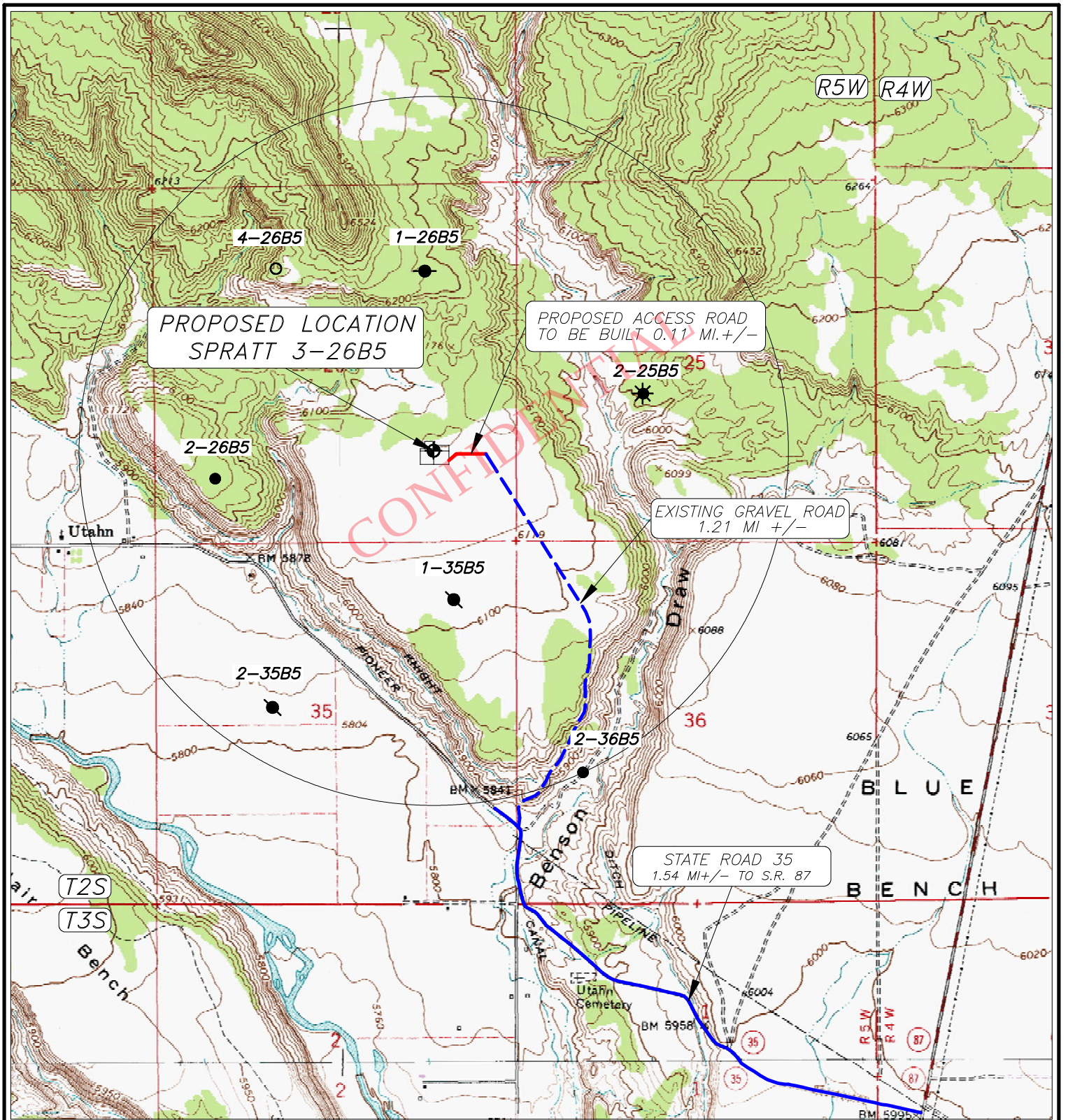
EL PASO E & P COMPANY, L.P.

SPRATT 3-26B5
SECTION 26, T2S, R5W, U.S.B.&M.
1333' FSL 1230' FEL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
6 JAN 2009

'APIWellNo:43013503020000'



LEGEND:

PROPOSED WELL LOCATION

2–25C6 OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01–128–131

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST––P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738–5352

NORTH

EL PASO E & P COMPANY, L.P.

SPRATT 3–26b5

SECTION 26, T2S, R5W, U.S.B.&M.

1333' FSL 1230' FEL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'

6 JAN 2010

Application for Permit to Drill – State DOGM
Spratt 3-26B5
Duchesne County, Utah
REVISED Surface Owners 4.22.10

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:**
   - The road will be crown and ditch. Water wings will be constructed on the access road as needed.
   - The topsoil will be windrowed and re-spread in the borrow area.
   - New road to be constructed will be approximately .11 miles in length and 66 feet wide.
   - 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 wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

4. **Location And Type Of Drilling Water Supply:**
   - Drilling water: Water Right 43-7323 and Duchesne City water.

5. **Existing/Proposed Facilities For Productive Well:**
   - There are no existing facilities that will be utilized for this well.
   - A pipeline corridor .11 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. 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.
   - 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.

6. **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.

7. **Methods For Handling Waste Disposal:**
   - 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 with the pit. The pit will be lined with a 20-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 place in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
   - Garbage and other trash will be contained in the 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 moving off location and hauled to an authorized disposal site.
   - Sewage will be handled in Portable Toilets.
   - 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 the location at a later date.
   - 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

8. **Ancillary Facilities:**
   - There will be no ancillary facilities associated with this project.

9. **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.

- Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. 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.

- 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.

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

10. **Surface Ownership:**

Included is the Affidavit of Surface Damage Agreement

Hal C. Spratt
12916 South 1300 East
Draper, UT 84020
801-571-1226

W.C. Wilson and Patti Wilson
HC 63 Box 34
Duchesne, UT 84021
435-848-5750 (H) 970-618-6433 (C)

Ethel Deon Rhoades
P.O. Box 342
Tabonia, UT 84072
435-848-5436

11. **Other Information:**

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

- **Operator and Contact Persons:**

Construction and Reclamation:
El Paso E & P Company
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD
El Paso E & P Company
Marie OKeefe
1099 18th St. Ste. 1900
Denver, CO. 80202
303.291.6417 - Office

Drilling
El Paso E & P Company
Eric Giles – Drilling Manager
1099 18th St Ste 1900
Denver, CO 80202 303.291.6446 – office 303.945.5440 - Cell

EL PASO E&P COMPANY, L.P.

SPRATT 3-26B5

SECTION 26, T2S, R5W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 7.25 MILES TO THE INTERSECTION OF S.R. 87 WITH S.R. 35;

TURN LEFT AND TRAVEL NORTHWESTERLY ON PAVED S.R. 35 APPROXIMATELY 1.54 MILES TO AN INTERSECTION;

TURN RIGHT AND TRAVEL NORTHERLY ON GRAVEL ROAD 1.21 MILES TO THE BEGINNING OF THE ACCESS ROAD;

TURN LEFT AND FOLLOW ROAD FLAGS WEST APPROXIMATELY 0.11 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 10.11 MILES.

'APIWellNo:43013503020000'

EL PASO E & P COMPANY, L.P.

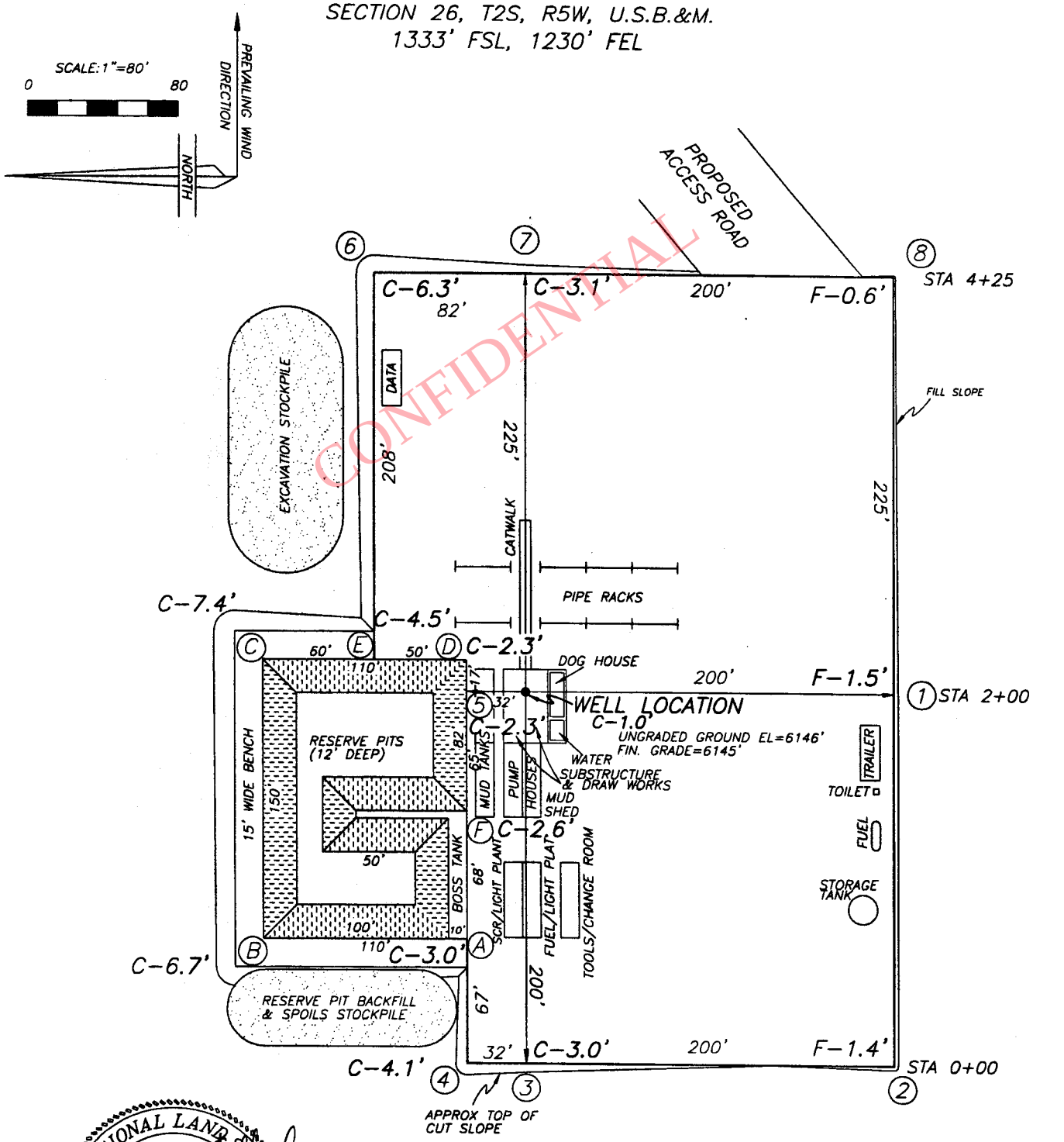
LOCATION LAYOUT FOR

SPRATT 3-26B5

SECTION 26, T2S, R5W, U.S.B.&M.

1333' FSL, 1230' FEL

FIGURE #1



PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
6 Jan '10
STATE OF UTAH

14 DEC 2009

01-128-125

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

'APIWellNo:43013503020000'

EL PASO E & P COMPANY, L.P.

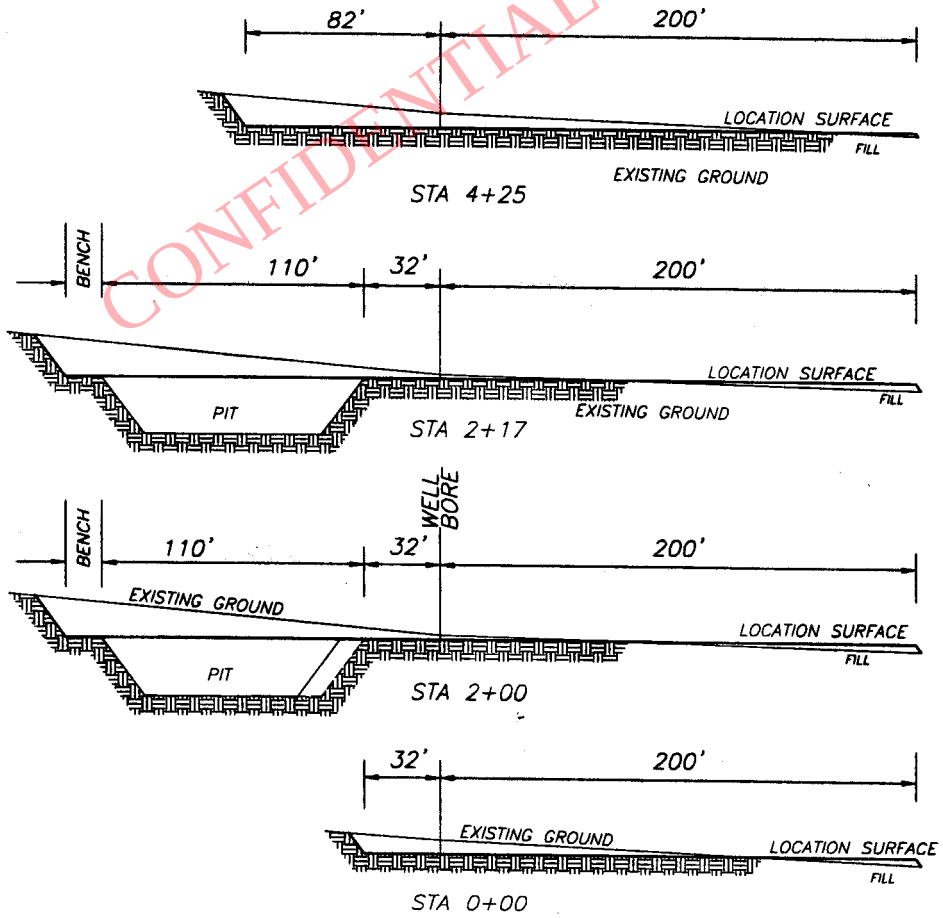
LOCATION LAYOUT FOR
SPRATT 3-26B5
SECTION 26, T2S, R5W, U.S.B.&M.
1333' FSL, 1230' FEL

FIGURE #2

1"=40' X-SECTION SCALE

1"=80'

NOTE: ALL CUT/FILL SLOPES ARE 1½:1 UNLESS OTHERWISE NOTED



APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 14,806 CU. YDS.

PIT CUT	=	5095 CU. YDS.
TOPSOIL STRIPPING: (6")	=	2566 CU. YDS.
REMAINING LOCATION CUT	=	7145 CU. YDS

TOTAL FILL = 929 CU. YDS.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
6 Jan '10
STATE OF UTAH

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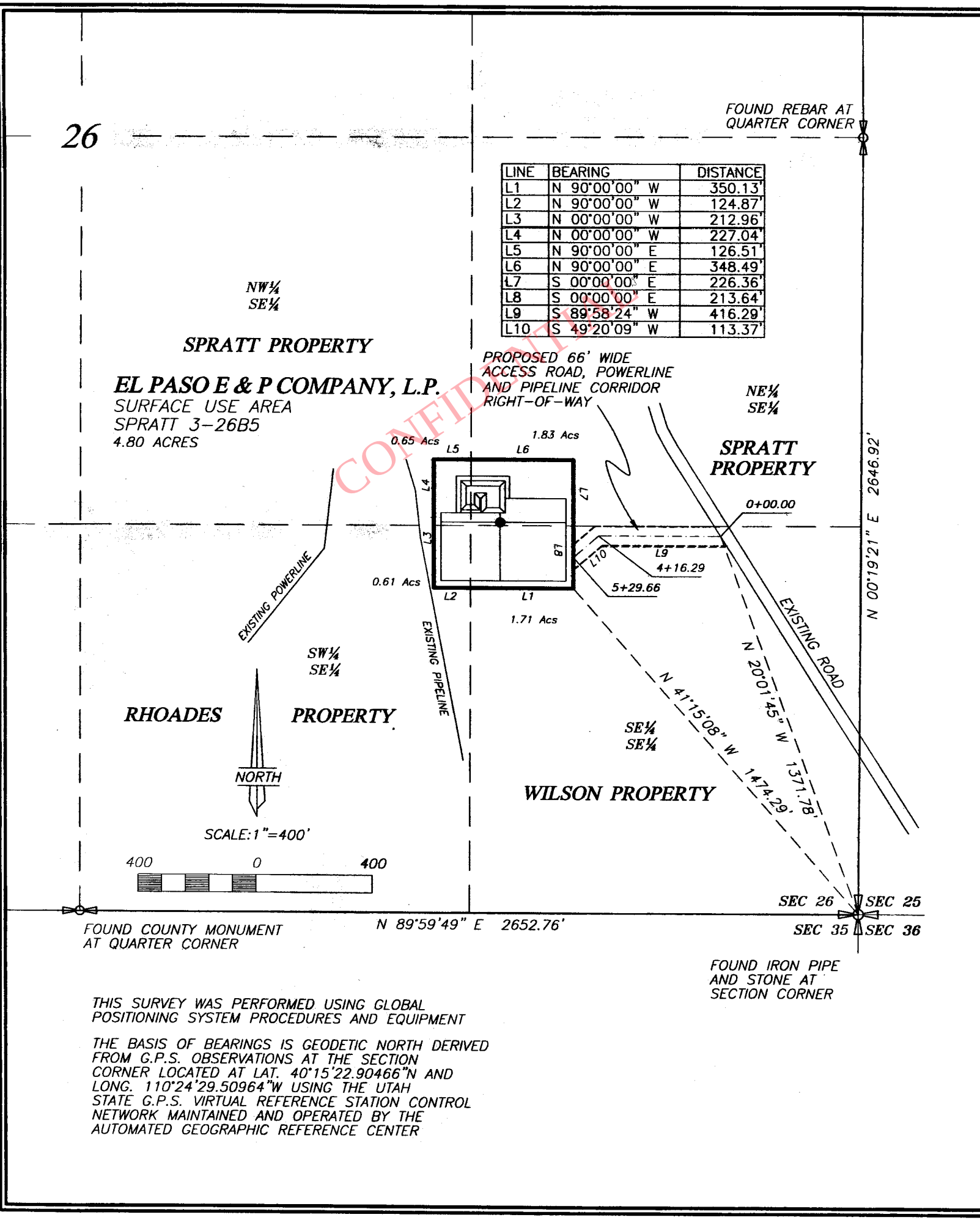
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

5 JAN 2010 01-128-131

'APIWellNo:43013503020000'



LINE	BEARING	DISTANCE
L1	N 90°00'00" W	350.13'
L2	N 90°00'00" W	124.87'
L3	N 00°00'00" W	212.96'
L4	N 00°00'00" W	227.04'
L5	N 90°00'00" E	126.51'
L6	N 90°00'00" E	348.49'
L7	S 00°00'00" E	226.36'
L8	S 00°00'00" E	213.64'
L9	S 89°58'24" W	416.29'
L10	S 49°20'09" W	113.37'

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90466"N AND LONG. 110°24'29.50964"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

LOCATION USE AREA AND ACCESS ROAD, POWERLINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY SURVEY FOR

ELPASO E&P COMPANY, L.P.

SPRATT 3-26B5

SE¼ OF SECTION 26, T2S, R5W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

USE AREA DESCRIPTION

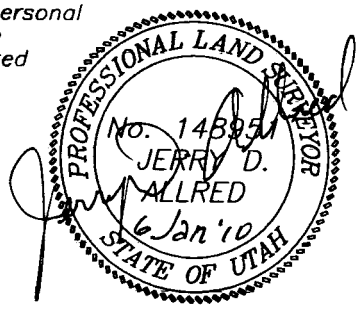
Commencing at the Southeast Corner of Section 26, Township 2 South, Range 5 West of the Uintah Special Base and Meridian;
Thence North 41°15'08" West 1474.29 feet to the TRUE POINT OF BEGINNING;
Thence North 90°00'00" West 475.00 feet;
Thence North 00°00'00" East 440.00 feet;
Thence North 90°00'00" East 475 feet;
Thence South 00°00'00" East 440.00 feet to the TRUE POINT OF BEGINNING, containing 4.80 acres.

ACCESS ROAD, PIPELINE, AND POWERLINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, pipeline and powerline right-of-way over portions of Section 26, Township 2 South, Range 5 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows;
Thence North 20°01'45" West 1371.78 feet to the TRUE POINT OF BEGINNING, said point being on the West line of an existing road;
Thence South 89°58'24" West 416.29 feet;
Thence South 49°20'09" West 113.37 feet to the East line of the Elpaso E&P Co. Spratt 3-26B5 well location surface use area boundary. Said right-of-way being 529.66 feet in length with the sidelines being shortened or elongated to intersect said use boundary and said West right-of-way lines.

SURVEYOR'S CERTIFICATE

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, powerline, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.



Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)

JERRY D. ALLRED AND ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

6 JAN 2010 01-128-131

AFFIDAVIT OF SURFACE DAMAGE AGREEMENT

Catherine L. Hammock personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Catherine L. Hammock. I am a Sr. Staff Landman for El Paso E&P Company, L.P., whose address is 1099 18th Street, Denver, Colorado 80202 ("El Paso").

2. El Paso is the operator of the proposed Spratt 3-26B5 well (the "Well") to be located in the SW/4NE/4SE/4 of Section 26, Township 2 South, Range 5 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are W.C. Wilson and Patti Wilson, husband and wife, as joint tenants, whose address is HC 63 Box 34, Duchesne, UT 84021, Ethel Deon Rhoades, Successor Trustee of the Joseph Arvel Rhoades Trust and the Ethel Deon Rhoades Trust, whose address is P. O. Box 342, Tabonia, UT 84072, and Hal C. Spratt, having succeeded to all of the right, title and interest of his wife, Lenore K. Spratt, deceased, as joint tenant with right of survivorship, whose address is 12916 South 1300 East, Draper, UT 84020 (the "Surface Owners").

3. El Paso and the Surface Owners have entered into Damage Settlement and Release Agreements dated January 15, 2010 (Wilsons), January 19, 2010 (Rhoades Trusts) and March 10, 2010 (Spratts) to cover any and all damages to Surface Owner's property of every character and description sustained by the Surface Owner as a result of operations associated with the drilling of the Well.

FURTHER AFFIANT SAYETH NOT.

Catherine L. Hammock

Catherine L. Hammock

ACKNOWLEDGMENT

STATE OF COLORADO §
§
CITY AND COUNTY OF DENVER §

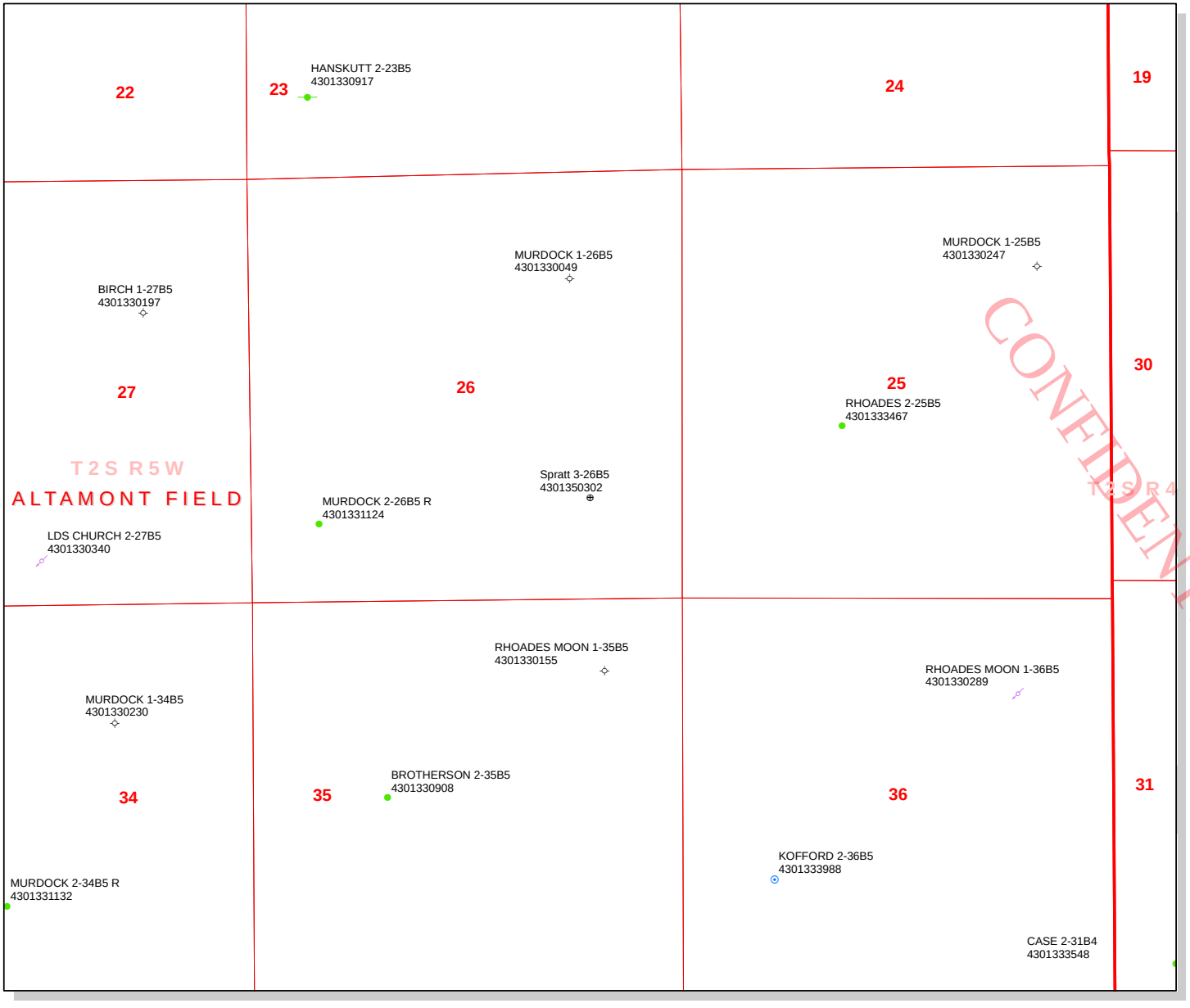
Before me, a Notary Public, in and for this state, on this 21 day of April, 2010, personally appeared Catherine L. Hammock, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

Ranae L. Johnson
NOTARY PUBLIC

My Commission Expires:

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

'APIWellNo:43013503020000'



API Number: 4301350302

Well Name: Spratt 3-26B5

Township 02.0 S Range 05.0 W Section 26

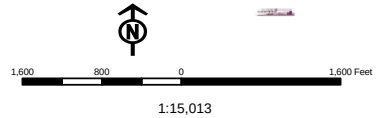
Meridian: UBM

Operator: EL PASO E&P COMPANY, LP

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED
Fields
Sections
Township

Wells Query
<all other values>
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well



1:15,013

BOPE REVIEW EL PASO E&P COMPANY, LP Spratt 3-26B5 43013503020000

Well Name	EL PASO E&P COMPANY, LP Spratt 3-26B5 43013503020000			
String	Cond	Surf	I1	Prod
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	1000	4000	10058	14600
Previous Shoe Setting Depth (TVD)	0	1000	4000	10058
Max Mud Weight (ppg)	8.4	9.0	10.0	13.0
BOPE Proposed (psi)	1000	1000	5000	10000
Casing Internal Yield (psi)	2730	3950	11220	14420
Operators Max Anticipated Pressure (psi)	9869			13.0

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	437	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	317	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	217	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	217	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1872	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1392	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	992	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1212	NO OK
Required Casing/BOPE Test Pressure=		2765	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

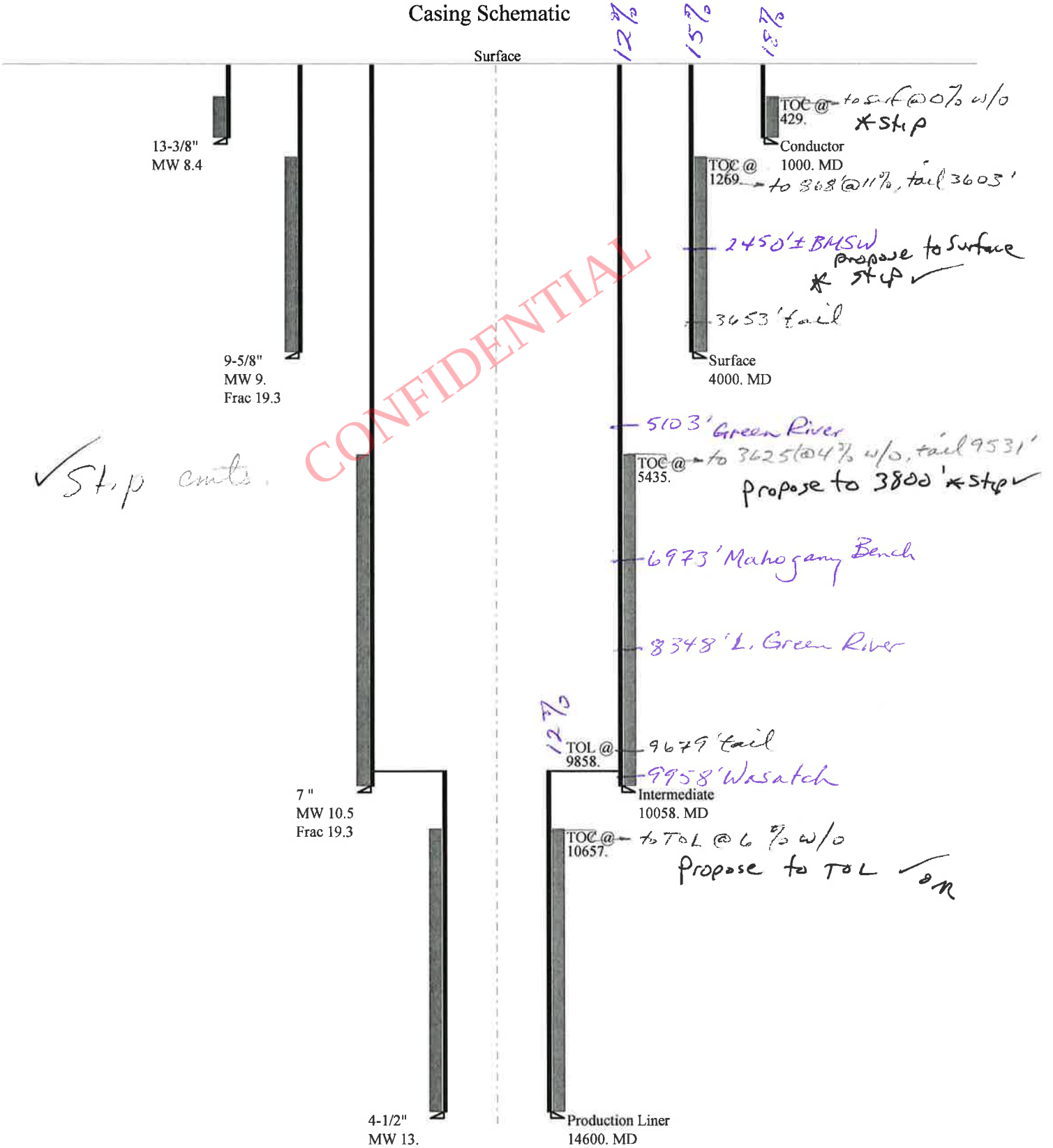
Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	5230	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4023	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3017	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3897	YES OK
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		3950	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	9870	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	8118	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	6658	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8871	YES OK
Required Casing/BOPE Test Pressure=		10000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		10058	psi *Assumes 1psi/ft frac gradient

'APIWellNo:43013503020000'

43013503020000 Spratt 3-26B5

Casing Schematic



to surf @ 0% w/o
* stg
to 868 @ 11%, tail 3603'
2450'± BMSW
propose to surface
* stg
3653' tail
to 3625 @ 4% w/o, tail 9531'
propose to 3800' * stg
stg cmts
to TOL @ 6% w/o
propose to TOL
or

'APIWellNo:43013503020000'

Well name:	**43013503020000 Spratt 3-26B5**
Operator:	**EL PASO E&P COMPANY, LP**
String type:	Conductor
Project ID:	43-013-50302
Location:	DUCHESNE COUNTY

Design parameters:

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

Burst
Max anticipated surface pressure: 316 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 436 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: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 876 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 429 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)	Est. Cost ($)
1	1000	13.375	54.50	J-55	ST&C	1000	1000	12.49	12407

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	436	1130	2.590	436	2730	6.26	54.5	514	9.43 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: May 12,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1000 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.

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

'APIWellNo:43013503020000'

Well name:	**43013503020000 Spratt 3-26B5**
Operator:	**EL PASO E&P COMPANY, LP**
String type:	Surface
Project ID:	43-013-50302
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,012 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,892 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: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 3,464 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 130 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 1,269 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 10,058 ft
Next mud weight: 10.000 ppg
Next setting BHP: 5,225 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 4,000 ft
Injection pressure: 4,000 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)	Est. Cost ($)
1	4000	9.625	40.00	J-55	LT&C	4000	4000	8.75	36300

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	1870	2570	1.374	3892	3950	1.01	160	520	3.25 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: May 12,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 4000 ft, a mud weight of 9 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.

'APIWellNo:43013503020000'

Well name:	**43013503020000 Spratt 3-26B5**
Operator:	**EL PASO E&P COMPANY, LP**
String type:	Intermediate
Project ID:	43-013-50302
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 8,108 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 9,315 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: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 8,460 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 215 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 5,435 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 14,600 ft
Next mud weight: 13.000 ppg
Next setting BHP: 9,860 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 10,058 ft
Injection pressure: 10,058 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)	Est. Cost ($)
1	10058	7	29.00	P-110	LT&C	10058	10058	6.059	113581

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	5486	8530	1.555	9315	11220	1.20	291.7	797	2.73 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: May 12,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 10058 ft, a mud weight of 10.5 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.

'APIWellNo:43013503020000'

Well name:	**43013503020000 Spratt 3-26B5**
Operator:	**EL PASO E&P COMPANY, LP**
String type:	Production Liner
Project ID:	43-013-50302
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 13.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 6,648 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,860 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: 1.60 (B)

Tension is based on air weight.
Neutral point: 13,674 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 278 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 10,657 ft

Liner top: 9,858 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)	Est. Cost ($)
1	4700	4.5	15.10	P-110	LT&C	14600	14600	3.701	29469

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	9860	14350	1.455	9860	14420	1.46	71	406	5.72 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: May 12,2010
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 14600 ft, a mud weight of 13 ppg The 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.

'APIWellNo:43013503020000'

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	EL PASO E&P COMPANY, LP				
Well Name	Spratt 3-26B5				
API Number	43013503020000	**APD No**	2556	**Field/Unit**	ALTAMONT
Location: 1/4,1/4	NESE **Sec** 26 **Tw** 2.0S	**Rng** 5.0W	1333 FSL	1230 FEL	
GPS Coord (UTM)		**Surface Owner**	HAL C SPRATT		

Participants

Jared Thacker (El Paso) Bryon Moos (Land Man for El Paso); Hal and Troy Spratt (Landowner; Dennis L Ingram (DOGM) Second presite held on May 3, 2010 with Ervin Rhoades, landowner on southwestern corner of location, third landowner W. C. Wilson.

Regional/Local Setting & Topography

Proposed wellsite is located 7.25 miles north of Duchesne, Utah along U.S. Highway 87, then west at the junction of S.R. 35 road for another 1.54 miles, then north on a gravel road for another 1.21 miles where a proposed new access road turns west. The town of Talmage is located just over four miles north of this wellsite with much of the surrounding lands bench-type, pinion/juniper habitat which is under use for grazing and pasture for cattle. Blue Bench is found east of this site with multiply use of the lands, from energy development, rural housing lots to grazing to pasture. The Duchesne River Drainage is found just over a mile south of this wellsite, and cuts in a southeasterly fashion then turns south into the town of Duchesne. In the immediate area of the wellsite, a heart-shaped bench with a plateau atmosphere slopes south and southeast with Bension Draw half a mile southeast and the Duchesne River bottom to the southwest. These two drainages are rocky, sandstone shelves similar to other areas across the region; likewise, to the north Benson Draw heads and rocky-shelves break off from the Talamge bench further north.

Surface Use Plan

Current Surface Use
Grazing
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.11	**Width** 200 **Length** 425	Onsite	UNTA

Ancillary Facilities N

Plus additional footage to north for part of reserve pit that will be reclaimed.

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sagebrush, some native grasses, horse pasture on the southeast corner of location and is fenced for livestock; mule deer winter range, coyote, smaller mammals and birds native to region.

Soil Type and Characteristics

Reddish brown sandy loam with some clays present

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required?

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	>200	0	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	TDS>5000 and	10	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	25	1 Sensitivity Level

Characteristics / Requirements

Proposed on the northwest corner of location in cut, with prevailing winds from the west, and measuring 150' wide, 100' long and 12' deep.

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

Other Observations / Comments

Arrive on location and discover there are three landowners involved on the location surface rather then one, proposed access road in from east along southern portion of livestock fence, location surface slopes gently to the south with cut proposed as four to six feet on northern position, surface north of location does break off into a broad, gently sloping draw, surfaces in other directions are broad bench type habitat typical of region at the lower end of pinion/juniper habitat.

Dennis Ingram	4/26/2010
Evaluator	**Date / Time**

'APIWellNo:43013503020000'

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2556	43013503020000	LOCKED	OW	P	No

Operator	EL PASO E&P COMPANY, LP	**Surface Owner-APD**	HAL C SPRATT
Well Name	Spratt 3-26B5	**Unit**	
Field	ALTAMONT	**Type of Work**	DRILL

Location NESE 26 2S 5W U 1333 FSL 1230 FEL GPS Coord (UTM) 550041E 4458180N

Geologic Statement of Basis

El Paso proposes to set 1,000 feet of conductor and 4,000 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 2,450 feet. A search of Division of Water Rights records indicates that there are 20 water wells within a 10,000 foot radius of the center of Section 26. These wells range in depth from 47-515 feet. The wells are listed as being used for irrigation, stock watering, oil exploration and domestic. Average well depth is approximately 200 feet. Two wells are within 1/2 mile of the proposed well and produce from depths of 280 and 400 feet. The proposed drilling, casing and cement program should adequately protect usable ground water in this area.

Brad Hill — **APD Evaluator**

5/12/2010 — **Date / Time**

Surface Statement of Basis

Two presties were done on this surface to accommodate landowners needs, the first was held on April 26, 2010 and the second on May 3, 2010. Three individuals were shown as landowners of record on the location surface, Hal Spratt, Joseph Rhoads, and W.C. Wilson. According to El Paso, each of these surface owners have signed a landowner agreement with El Paso and the operator shall abide by those things stipulated in those agreements. The access road borders the Wilson fence to the south and that fence will need moved (or added to) along the southern portion of the access road and location as stipulated in the landowner agreement, along with any cattle guards or culverts needs to protect the stock on the property . Mr. Rhoades' property is land locked an does not have any access into same, and the landowner plans to request that he be allowed to utilize the access road that El Paso builds for that access. The Spratt property was undeveloped and also has the minerals attached to the property, so everything looked good with them

The access road leaves a county road with drainage ditches on the western side and a culvert will most likely be needed to accommodate storm run off. Fencing shall be done along the southern portion of the access road and location to protect livestock interests as stipulated in the landowner agreement. There aren't any drainage problems on the location surface, as the natural contour is southerly and only shows a four to six foot cut on the northern side of the location. The underlying surface is most likely cobble rock, so the operator needs to construct a smooth bottom reserve pit floor and install a 16 mil synthetic. No other issues were noted at the presite meeting.

Dennis Ingram — **Onsite Evaluator**

4/26/2010 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/12/2010 **API NO. ASSIGNED:** 43013503020000

WELL NAME: Spratt 3-26B5

OPERATOR: EL PASO E&P COMPANY, LP (N3065) **PHONE NUMBER:** 303 291-6417

CONTACT: Marie Okeefe

PROPOSED LOCATION: NESE 26 020S 050W **Permit Tech Review:** ☑

SURFACE: 1333 FSL 1230 FEL **Engineering Review:** ☑

BOTTOM: 1333 FSL 1230 FEL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.27450 **LONGITUDE:** -110.41142

UTM SURF EASTINGS: 550041.00 **NORTHINGS:** 4458180.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE/FEE - 400JU0708
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** WATER RIGHT 43-7323 DUCHESNE CITY WATER
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-84

Effective Date: 12/31/2008

Siting: 660' Fr Drl U Bdry & 1320' Fr Other Wells

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - ddoucet
12 - Cement Volume (3) - ddoucet

GARY R. HERBERT
Governor
GREGORY S. BELL
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

Permit To Drill

****

Well Name: Spratt 3-26B5
API Well Number: 43013503020000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 5/18/2010

Issued to:
EL PASO E&P COMPANY, LP, 1099 18th ST, STE 1900 , Denver, CO 80202

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
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

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.

Conditions of Approval:
Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

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 as indicated in the submitted drilling plan.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 3800' MD as indicated in the submitted drilling plan.

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

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

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

- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

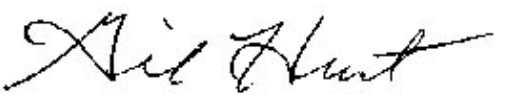
Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



Gil Hunt
Associate Director, Oil & Gas

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

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

Well Name: **SPRATT 3-26B5**

Api No: **43-013-50302** Lease Type **FEE**

Section **26** Township **02S** Range **05W** County **DUCHESNE**

Drilling Contractor **PETE MARTIN DRLG** RIG # **BUCKET**

SPUDDED:

Date **06/29/2010**

Time **10:00 AM**

How **DRY**

Drilling will Commence:

Reported by **WAYNE GARNER**

Telephone # **(435) 823-1420**

Date **06/30/2010** **Signed** **CHD**

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

FORM 6

ENTITY ACTION FORM

Operator: El Paso E & P Company, LP

Operator Account Number: N 3065

Address: 1099 18th St. Ste 1900

city Denver

state CO zip 80202

Phone Number: (303) 291-6417

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350302	Spratt 3-26B5		NESE	26	2S	5W	Duchesne
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	17668	6/29/2010			7/19/10	
Comments: GR-WS CONFIDENTIAL							

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)

RECEIVED
JUL 12 2010
DIV. OF OIL, GAS & MINING

Marie OKeefe
Name (Please Print)

Marie Okeefe
Signature

Sr. Regulatory Analyst
Title

7/12/2010
Date

(5/2000)

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
SPRATT 3-26B5

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, LP

9. API NUMBER:
43013503020000

3. ADDRESS OF OPERATOR:
1001 Louisiana St. , Houston, TX, 77002

PHONE NUMBER:
713 420-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1333 FSL 1230 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESE Section: 26 Township: 02.0S Range: 05.0W 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 5/10/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Drilling report attached. Date of first production = 3/18/2011; 710 BW.
3/19/2011 = 120 BO, 217 MCF.

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

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Marie Okeefe	303 291-6417	Sr Regulatory Analyst
SIGNATURE		**DATE**
N/A		5/10/2011

RECEIVED May. 10, 2011

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	SPRATT 3-26B5		
Project	ALTAMONT FIELD	**Site**	SPRATT 3-26B5
Rig Name/No.	PROPETRO/5, PETE MARTIN/1, PRECISION DRILLING/404	**Event**	DRILLING LAND
Start Date	6/27/2010	**End Date**	2/27/2011
Spud Date	6/29/2010	**UWI**	SPRATT 3-26B5
Active Datum	KB @6,158.0usft (above Mean Sea Level)		
Afe No./Description	144437/39052 / SPRATT 3-26B5		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
6/28/2010	6:00	6:00	24.00	MIRU	1		P	0.0	WORK ON BUILDING ROAD & LOCATION
6/29/2010	6:00	6:00	24.00	MIRU	1		P	0.0	PETE MARTIN MIRU DRILLED & SET 20" CONDUCTOR
8/4/2010	10:00	18:00	8.00	MIRU	1		P	80.0	MOVE PRO-PETRO ON TO LOC. SPOT EQUIP.
	18:00	18:30	0.50	MIRU	41		P	80.0	SAFETY MEETING
	18:30	20:30	2.00	MIRU	1		P	80.0	RIG UP.
	20:30	2:00	5.50	DPDCOND	7		P	290.0	SPUD W/ 17 1/2" AIR HAMMER. DRILL AHEAD TO 290 FT
	2:00	2:30	0.50	DPDCOND	7		P	290.0	SURVEY @ 290 FT. 1 DEGREE.
	2:30	6:00	3.50	DPDCOND	7		P	440.0	DRILL AHEAD TO 440 FT.
8/5/2010	6:00	7:30	1.50	DPDCOND	7		P	470.0	DRILL F/ 440'-470'
	7:30	8:00	0.50	DPDCOND	7		P	470.0	SURVEY @ 440' 1 1/2 DEGREE
	8:00	9:40	1.67	DPDCOND	7		P	530.0	DRILL F/ 470'-530'
	9:40	10:00	0.33	DPDCOND	66		P	530.0	STOP DUE TO THUNDER STROM
	10:00	12:15	2.25	DPDCOND	7		P	620.0	DRILL F/ 530'-620'
	12:15	12:45	0.50	DPDCOND	7		P	620.0	SURVEY @ 570' 1 DEGREE
	12:45	18:00	5.25	DPDCOND	7		P	800.0	DRILL F/ 620'-800'
	18:00	18:30	0.50	DPDCOND	41		P	800.0	SAFETY MEETING
	18:30	18:45	0.25	DPDCOND	7		P	800.0	SURVEY @ 770' 1 DEGREE
	18:45	23:45	5.00	DPDCOND	7		P	920.0	DILL F/ 800'-920'
	23:45	0:15	0.50	DPDCOND	7		P	920.0	SURVEY @ 890' 1/2 DEGREE
	0:15	5:15	5.00	DPDCOND	7		P	1,040.0	DRILL F/ 920'-1040'
	5:15	5:45	0.50	DPDCOND	15		P	1,040.0	CIRC CLEAN WELL
	5:45	6:00	0.25	DPDCOND	7		P	1,040.0	SURVEY @ 1010' 7/8 DEGREE
8/6/2010	6:00	8:30	2.50	DPDCOND	7		P	1,040.0	POOH, LAY OUT TOOLS
	8:30	11:30	3.00	DPDCOND	7		P	1,040.0	RUN 23 JTS OF 13 3/8" 54.5 LB J-55 ST&C CSG LANDED @ 1008 FT GROUND LEVEL.
	11:30	12:30	1.00	DPDCOND	41		P	1,040.0	RIG IN CEMENTERS, SAFETY MEETING.
	12:30	14:15	1.75	DPDCOND	7		P	1,040.0	FILL CSG W/ WATER BREAK CIRC. PUMP 20 BBLS GEL WATER, START MIXING 1200 SKS OF 15.8 LB CEMENT W/ 2 % CACL2 +0.25 % FLOCELE, 1.15 SLURRY YEILD, 5 GALS PER SK. (245.7 BBLS SLURRY), DISPLACE W/ 147.5 BBLS WATER. BUMP PLUG 500 PSI OVER CIRC 1000 PSI. FLOATS HELD. 60 BBLS OF GOOD CEMENT RETURNS. NO FALL BACK.
	14:15	15:00	0.75	DPDCOND	7		P	1,040.0	RIG OUT CEMENTERS.
	15:00	15:30	0.50	DPDCOND	7		P	1,040.0	PRO-PETRO & CEMENTERS OFF LOC.
1/16/2011	6:00	8:00	2.00	MIRU	1		P		WAITING ON DAYLIGHT TO START RIG MOVE

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	8:00	8:15	0.25	MIRU	41		P		HELD SAFETY MEETING WITH RIG, TRUCKING CREWS, EL PASO SAFETY MAN, MOUTIAN WEST CREW ON RIG MOVE
	8:15	18:00	9.75	MIRU	1		P		RIG DOWN OFFICES, CAMP AND AUXILLARY RIG EQUIPMENT TO NEXT LOCATION - MOVED A TOTAL OF 13 LOADS - 23% MOVED AND 13 % RIGGED UP
	18:00	6:00	12.00	MIRU	67		P		WAITING ON DAYLIGHT BEFORE PROCEEDING ON RIG MOVE - WILL START BACK UP AT 07:00 HRS 01/17/11
1/17/2011	6:00	7:00	1.00	MIRU	1		P		WAITING ON DAYLIGHT TO CONTINUE RIG MOVE FROM THE BROTHERSON 2-26B4 TO THE SPRATT 3-26B5
	7:00	7:15	0.25	MIRU	1		P		HELD SAFETY MEETING WITH RIG, TRUCKING CREWS, EL PASO SAFETY MAN, MOUTIAN WEST CREW ,CRANE CREW ON RIG MOVE
	7:15	18:00	10.75	MIRU	1		P		CONTINUE TO MOVE THE RIG OFF THE BROTHERSON 2-26B4, HAULED XX LOADS (80%) OF THE RIG TO THE SPRATT 3-26B5, RIG UP SAME, SPOT MATTING,SUB, DRAWORKS, MUD TANKS, PUMP HOUSES,
	18:00	6:00	12.00	MIRU	1		P		WAITING ON DAYLIGHT BEFORE PROCEEDING ON RIG MOVE - WILL START BACK UP AT 07:00 HRS 01/18/11
1/18/2011	6:00	7:00	1.00	MIRU	1		P		WAITING ON DAYLIGHT TO CONTINUE RIG MOVE FROM THE BROTHERSON 2-26B4 TO THE SPRATT 3-26B5
	7:00	19:00	12.00	MIRU	1		P		FINISH SPOTTING RIG IN, RIG UP AND RAISE DERRICK, RELEASED CRANE AT 13:30 HRS ON 01/17/2011, RELEASED TRUCKS AT 11:30 HRS ON 01/17/2011, BREAK TOUR AT 22:00 HRS ON 01/17/201, 100% MOVED
	19:00	22:00	3.00	MIRU	1		P		CREW HOURED OUT FOR THE DAY, WILL RESUME OPERATIONS ON RIGGING UP AT 22:00 HRS 01/17/11 WITH EVENING CREW
	22:00	22:15	0.25	MIRU	1		P		HELD PRE TOUR SAFETY MEETING, (RIGGING UP RIG),
	22:15	6:00	7.75	MIRU	1		P		CONTINUED TO RIG UP RIG FLOOR, AIR, WATER, STEAM LINES, WIND WALLS
1/19/2011	6:00	6:15	0.25	MIRU	41		P	1,040.0	HELD PREJOB AND HANDOVER MEETING, (RIGGING UP)
	6:15	8:30	2.25	MIRU	1		P	1,040.0	PICK UP TOP DRIVE,RIG UP POWER CABLES, AIR & FUEL LINES, INSTALL TORQUE BUSHING,
	8:30	15:00	6.50	MIRU	47		N	1,040.0	REPAIR TOP DRIVE. RIG UP MUD TANKS, BOS TANK, RIG WHILE TESCO HAND REPAIRS SHEERED OFF BOLTS ON TOP DRIVE,
	15:00	18:00	3.00	MIRU	1		P	1,040.0	FINISH RIGGING UP AND PICKING UP TOP DRIVE,
	18:00	19:15	1.25	MIRU	41		P	1,040.0	HELD SAFETY STAND DOWN MEETING AND SPUD MEETING WITH ELPASO REPS & CREWS,& PD SAFETY AND FIELD REP,
	19:15	20:30	1.25	MIRU	1		P	1,040.0	RIG UP AUX LINES AND TORQUE SWIVEL,AND PUMP UP COMPENSATORS, EXT,
	20:30	23:45	3.25	MIRU	1		P	1,040.0	CUT OFF CONDUCTOR AND 13.375 CASING & WELD ON CASING BOWL AND TEST TO 800 PSI F/ 15 MINUTES,
	23:45	3:00	3.25	MIRU	1		P	1,040.0	INSTALL LOAD PATH AND CLAMPS, WIRE EXTEND ALARM, STABBING GUIDE AND BAILS AND LINK. TILT CHAINS INSTALL KELLY HOSE,, CHANGE OUT VALVES ON FEED AND RETURN LINES TO BUSTER, FIX AND REPAIR CHECK VALVE ON FLARE LINE,
	3:00	6:00	3.00	MIRU	1		P	1,040.0	NIPPLE UP BOPE, (REVIEW JSA ON NIPPLE UP)
1/20/2011	6:00	6:15	0.25	MIRU	41		P	1,040.0	HELD PRE-TOUR AND HAND OVER SAFETY MEETING,(NIPPLE UP)
	6:15	13:00	6.75	MIRU	1		P	1,040.0	RIG UP FLOWLINE, CHOKE LINES, CHANGE FLARE LINE CHECK VALVE, RESPOT CHOKE MANIFOLD AND TORQUE UP BOLTS WITH WEATHERFORD, LAYOUT DIVERTER SLINGS, INSTALLED MOUSEHOLE, AND DIVERTER LINES, CHARGED UP ACCUMLATOR, UNLOAD MUD TRUCKS, RIGGED UP FLOW LINE TO MANIFOLD, RIGGED UP PASON SIDE KICK CHOKE STAND.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	13:00	16:30	3.50	MIRU	41		P	1,040.0	CONTINUE TO NIPPLED UP 13 5/8" 3M DIVERTER AND 13 5/8" 3M ROTATING HEAD, NIPPLE UP CHOKE MANIFOLD, TESTED ALL VALVES AND CHOKE LINE ON THE 10M CHOKE MANIFOLD AT 250 LOW / 5,000 PSI HIGH FOR 10 MINUTES EACH, TESTED BOTH MANUAL AND AUTO CHOKES TO 5000 PSI, CHOKES LEAKED OFF 200 PSI IN 10 MINUTES EACH! (ALL TEST WHERE GOOD)
	16:30	18:00	1.50	DRLSURF	14		P	1,040.0	LOAD BHA ON PIPE RACKS,STRAP AND TALLY BHA AND DRILL PIPE, PICKED UP ALL HANDLING EQUIPMENT TO RIG FLOOR
	18:00	18:15	0.25	DRLSURF	41		P	1,040.0	HELD PRE-TOUR AND HANDOVER SAFETY MEETING, (ON TESTING DIVERTER, AND PICKING UP BHA)
	18:15	20:30	2.25	DRLSURF	30		P	1,040.0	SET TEST PLUG IN WELL HEAD - START TESTING ON DIVERTER SYSTEM, STARTED JOB TESTING ANNULAR, KILL VALVE AND THE MANUAL CHOKE VALVE AND THE HYDRAULIC IBOP ON TDU TO 250 PSI LOW AND 1000 PSI HIGH, (ALL TEST WHERE GOOD) - PULLED TEST PLUG OUT OF WELL HEAD
	20:30	21:00	0.50	DRLSURF	30		N	1,040.0	REPAIRED HYDRALIC LEAK ON HYDRILL.
	21:00	21:15	0.25	DRLSURF	41		P	1,040.0	HELD SAFETY MEETING WITH PD CREW AND TOTAL DIRECTIONAL HANDS, (ON PICKING UP DIRECTIONAL TOOLS)
	21:15	23:00	1.75	DRLSURF	42		P	1,040.0	PICK UP AND MAKE UP BIT #1 12.25 PDC, 9.5/8 HUNTING MUD MOTOR: 5/6 LOBE, 5.0 STAGE, SCRIBED AND INSTALL GAP SUB, MWD TOOLS, DIRECTIONAL TOOLS,
	23:00	1:15	2.25	DRLSURF	42		P	1,040.0	PICK UP 2X 8" DRILL COLLARS, 2.TBR'S,JARS, 15 X 6.5" DRILL COLLARS, 6.HWDP, DRILL PIPE, TRIP IN HOLE, DO PULSE TEST ON MWD TOOL.
	1:15	1:30	0.25	DRLSURF	42		P	1,040.0	CIRCULATED TWO HOLE VOLUMES TO REMOVE POSSIBLE AIR IN THE HOLE AND DRILL STRING
	1:30	2:00	0.50	DRLSURF	31		P	1,040.0	TEST 13 3/8" CASING TO 500 PSI FOR 30 MINUTES, TESTED OK!
	2:00	4:45	2.75	DRLSURF	30			1,040.0	CONTINUED TO TEST 4 1/2" FOSV, IBOP, TESTED HCR, TOP DRIVE MANUAL AND HYDRAULIC IBOP, STAND PIPE, KELLY HOSE, KILL LINE, ALL TEST RAN AT 250 PSI LOW, 500 PSI HIGH FOR 10 MINUTES, ALL TEST RAN WERE GOOD! RIG DOWN TESTERS
	4:45	5:30	0.75	DRLSURF	17			1,040.0	SLIP AND CUT 54 FT OF DRILLING LINE
	5:30	6:00	0.50	DRLSURF	14			1,040.0	RUN IN HOLE TAGGED UPON CEMENT AT 965'
1/21/2011	6:00	6:15	0.25	DRLSURF	41		P	1,040.0	HELD PRETOUR AND HAND OVER SAFETY MEETING (STAYING ALERT)
	6:15	7:00	0.75	DRLSURF	47		N	1,040.0	FILL PIPE, CHECK AND FIX ALL LEAKS ON FLOW LINE AND GAS BUSTER, CHANGE OUT 8" BUTTERFLY VALVES,
	7:00	18:00	11.00	DRLSURF	43		N	1,040.0	TROUBLE SHOOT TOP DRIVE WORK ON DRILL MODE, (WILL NOT ROTATE)
	18:00	18:15	0.25	DRLSURF	41		N	1,040.0	HELD PRETOUR AND HAND OVER SAFETY, (MAKING REPAIRS TO TDU DRILL MODE) TDU HAS PROPER FUNCTION IN THE DRILL MODE!
	18:15	5:00	10.75	DRLSURF	71		N	1,040.0	FINDINGS ON TWO 4 1/2" 16.60# DRILL PIPE JOINTS SENT IN OF INSPECTION OF RADIAL STRESS CRACKS - IT WAS DECIDED BY MANAGMENT TO SUSPEND OPERATION TILL REPLACEMENT OF 4 1/2" DRILL PIPE COULD BE MADE FROM ANOTHER RIG (PD #406) CALLED FOR TRUCK TO PICK UP SAME AND HAUL TO US HERE - TRUCK ARRIVED AT OUR LOCATION AT 0500 HRS 01/21/11 - SPOTTED SAME ON LOCATION - PICKED UP AND MEASURED 5 JOINTS OF 4 1/2" 16.60# DRILL PIPE, TRIP IN TAG CEMENT @ 951'
	5:00	6:00	1.00	DRLSURF	42		P	1,040.0	DRILL OUT SHOE TRACK F/ 951' TO 1030'
1/22/2011	6:00	6:30	0.50	DRLSURF	16		P	1,025.0	TAG CEMENT AT 981'
	6:30	6:45	0.25	DRLSURF	41		P	1,025.0	BOP DRILL
	6:45	7:00	0.25	DRLSURF	16		P	1,025.0	DRILL OUT CEMENT FROM 981' TO 1025' AND 5' OF NEW HOLE TO 1030'

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	7:00	7:15	0.25	DRLSURF	15		P	1,030.0	CIRCULATE HOLE CLEAN FOR FIT TEST
	7:15	7:45	0.50	DRLSURF	33		P	1,030.0	HAVE PRE JOB SAFETY MEETING WITH WEATHERFORD, PREFORMED FIT TEST - TEST FLUID WEIGHT 8.4 PPG, 1030' TVD, SURFACE PRESSURE 380 PSI = E MUD WT OF 15.4 PPG OR PRESSURE GRADIENT OF .800
	7:45	14:15	6.50	DRLSURF	7		P	1,030.0	DRILLED 12 1/4" HOLE FROM 1030' TO 1575' = (545') IN 6.5 HRS = 84' / HR WOB 15, RPM AT BIT=165' GPM: 750, SPP:2200 PSI, TORQUE= 9000 FT LBS, ROTARY= 60 RPM
	14:15	14:30	0.25	DRLSURF	12		P	1,575.0	RIG SERVICE
	14:30	19:30	5.00	DRLSURF	7		P	1,575.0	DRILLED 12 1/4" HOLE FROM 1575' TO 1948 = (372') IN 6 HRS = 62' / HR WOB 15, RPM AT BIT=165' GPM: 750, SPP:2200 PSI, TORQUE= 9000 FT LBS, ROTARY= 60 RPM
	19:30	19:45	0.25	DRLSURF	12		P	1,948.0	RIG SERVICE, FUNCTION TEST CROWNSAVER, EXTEND ALARM, CHECK BRAKES, DEADMAN BOLTS, TONGS AND LINES,
	19:45	20:00	0.25	DRLSURF	41		P	1,948.0	BOP DRILL, WELL AND MEN SECURE IN 96 SEC
	20:00	6:00	10.00	DRLSURF	7		P	1,948.0	DRILLED 12 1/4" HOLE FROM 1948' TO 2660 = (712') IN 10 HRS = 71.2' / HR WOB 15, RPM AT BIT=167' GPM: 770, SPP:2200 PSI, TORQUE= 9000 FT LBS, ROTARY= 60 RPM
1/23/2011	6:00	13:30	7.50	DRLSURF	7		P	2,660.0	DRILLED 12 1/4" HOLE FROM 2660' TO 3149' = (489') IN 7.5HRS = 65' / HR WOB 22, RPM AT BIT=167' GPM: 770, SPP:2200 PSI, TORQUE= 9000 FT LBS, ROTARY= 60 RPM
	13:30	13:45	0.25	DRLSURF	12		P	3,149.0	RIG SERVICE
	13:45	18:00	4.25	DRLSURF	7		P	3,149.0	DRILLED 12 1/4" HOLE FROM 3149' TO 3265' = (116') IN 4.25HRS = 28' / HR WOB 22, RPM AT BIT=167' GPM: 770, SPP:2670 PSI, TORQUE= 9800 FT LBS, ROTARY= 60 RPM
	18:00	18:15	0.25	DRLSURF	45		N	3,265.0	REPAIR #2 PUMP, LOCK OUT AND TAG OUT, CHANGE VALVE & SEAT,
	18:15	22:30	4.25	DRLSURF	7		P	3,265.0	DRILLED 12 1/4" HOLE FROM 3265' TO 3336' = (71') IN 4.25HRS = 16.7' / HR WOB 22/ 25 K, RPM AT BIT=167' GPM: 770, SPP:2670 PSI, TORQUE= 9800 FT LBS, ROTARY= 60 RPM
	22:30	22:45	0.25	DRLSURF	12		P	3,366.0	RIG SERVICE, FUNCTION TEST CROWNSAVER, EXTEND ALARM, CHECK BRAKES, DEADMAN BOLTS, TONGS AND LINES,
	22:45	6:00	7.25	DRLSURF	7		P	3,336.0	DRILLED 12 1/4" HOLE FROM 3336' TO 3435' = (99') IN 7.25 HRS = 13.3' / HR WOB 22/ 28 K, RPM AT BIT=167' GPM: 770, SPP:2740 PSI, TORQUE= 9800 FT LBS, ROTARY= 60 RPM
1/24/2011	6:00	7:45	1.75	DRLSURF	7		P	3,456.0	DRILLED 12 1/4" HOLE FROM 3435' TO 3456' = (21') IN 1.75 HRS = 12' / HR WOB 28 K, RPM AT BIT=167' GPM: 770, SPP:2740 PSI, TORQUE= 9800 FT LBS, ROTARY= 60 RPM
	7:45	8:15	0.50	DRLSURF	15		P	3,456.0	PUMP HIGH VIS SWEEP, CIRCULATE HOLE CLEAN
	8:15	10:00	1.75	DRLSURF	13		P	3,456.0	TRIP OUT OF HOLE F/ 3456' TO 640' FLOW CHECKS @ 3453', 1728', 923',SURFACE
	10:00	12:00	2.00	DRLSURF	13		P	3,456.0	PRE JOB SAFETY MEETING ON BHA, RACK BACK BHA
	12:00	12:15	0.25	DRLSURF	12		P	3,456.0	RIG SERVICE
	12:15	12:30	0.25	DRLSURF	13		P	3,456.0	CLEAN FLOOR FOR TRIP IN HOLE
	12:30	15:00	2.50	DRLSURF	58		N	3,456.0	NOTICED MUD MOTOR WAS LEAKING OIL FROM MANDRIL. WAITING ON NEW MUD MOTOR
	15:00	15:30	0.50	DRLSURF	13		P	3,456.0	MAKE UP MOTOR, PULL MWD TOOL AND INSPECT AND TIGHTEN ALL CONNECTIONS, OK
	15:30	16:00	0.50	DRLSURF	13		P	3,456.0	MAKE UP BIT #2, INSTALL MWD TOOL
	16:00	20:00	4.00	DRLSURF	13		P	3,456.0	TRIP IN HOLE TO 929', INSTALL ROTATING HEAD, FILL PIPE TEST MWD, FLOW CHECK = 0, TRIP IN TO 3241' WASH LAST 2 STANDS DOWN,
	20:00	22:00	2.00	DRLSURF	7		P	3,456.0	PATTERN BIT, DRILLED 12 1/4" HOLE FROM 3456' TO 3528' = (72') IN 2 HRS = 36' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:1750 PSI, 0 DIFF, TORQUE= 4800 FT LBS, ROTARY= 60 RPM

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	22:00	0:15	2.25	DRLSURF	52		N	3,528.0	LOST CIRCULATION, LOST ALL RETURNS AT 3528', PULL 2 STANDS, REDUCED PUMP RATE TO 100 SPM,= 350 GPM,MIX GELL AND SAWDUST TO A 50 VIS / 20% LCM IN, 40 VIS 10 % OUT, 30% RETURNS, MIX AND PUMP SAME, 70% RETURNS, CIRCULATE 2 STANDS BACK TO BOTTOM, FULL RETURNS, VIS IN 50 OUT 45, LCM IN 20% OUT 18%, DRILL AHEAD,
	0:15	6:00	5.75	DRLSURF	7		P	3,528.0	DRILLED 12 1/4" HOLE FROM 3528' TO 3608' = (80') IN 5.75 HRS = 13.9" / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:1750 PSI, 0 DIFF, TORQUE= 4800 FT LBS, ROTARY= 60 RPM, VIS IN 45 OUT 40, LCM IN 20% OUT 15%, MWT IN 8.5 OUT 8.5, NO MUD LOSS AT THIS DEPTH,
1/25/2011	6:00	10:30	4.50	DRLSURF	7		P	3,607.0	DRILLED 12 1/4" HOLE FROM 3607' TO 3669' = (62') IN 4.5 HRS = 14X' / HR WOB 45 K, RPM AT BIT=167' GPM: 770, SPP:2240 PSI, TORQUE= 4800 FT LBS, ROTARY= 55 RPM
	10:30	11:15	0.75	DRLSURF	15		P	3,669.0	CIRCULATE WHILE CLEAN OUT LCM FROM PUMPS
	11:15	14:45	3.50	DRLSURF	7		P	3,669.0	DRILLED 12 1/4" HOLE FROM 3669' TO 3712' = (43') IN 3.5 HRS =12.2 ' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2240 PSI, TORQUE= 5000 FT LBS, ROTARY= 55 RPM
	14:45	15:00	0.25	DRLSURF	12		P	3,712.0	RIG SERVICE,
	15:00	23:45	8.75	DRLSURF	7		P	3,712.0	DRILLED 12 1/4" HOLE FROM 3712' TO 3803' = (91') IN 8.75 HRS = 10.4' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2290 PSI, TORQUE= 5000 FT LBS, ROTARY= 55 RPM
	23:45	0:00	0.25	DRLSURF	12		P	3,803.0	RIG SERVICE, FUNCTION TEST CROWNSAVER, EXTEND ALARM, CHECK BRAKES, DEADMAN BOLTS,
	0:00	0:15	0.25	DRLSURF	45		N	3,803.0	REPAIR PUMPS, LOCK OUT TAG OUT, CHANGE OUT DISCARGE VALVES IN PUMPS #1 AND #2,
	0:15	6:00	5.75	DRLSURF	7		P	3,803.0	DRILLED 12 1/4" HOLE FROM 3803' TO 3863' = (60') IN 5.75 HRS = 10.4' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2290 PSI, TORQUE= 5000 FT LBS, ROTARY= 55 RPM
1/26/2011	6:00	9:30	3.50	DRLSURF	7		P	3,863.0	DRILLED 12 1/4" HOLE FROM 3863' TO 3894' = (31') IN 3.5 HRS = 9' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2440 PSI, TORQUE= 5400 FT LBS, ROTARY= 55 RPM
	9:30	9:45	0.25	DRLSURF	12		P	3,894.0	RIG SERVICE
	9:45	17:00	7.25	DRLSURF	7		P	3,894.0	DRILLED 12 1/4" HOLE FROM 3894' TO 3967' = (73') IN 7.25 HRS = 10' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2440 PSI, TORQUE= 5400 FT LBS, ROTARY= 55 RPM
	17:00	17:30	0.50	DRLSURF	52		N	3,967.0	WORK ON MUD PUMPS, CLEAN LCM FROM FLUID END
	17:30	19:30	2.00	DRLSURF	7		P	3,967.0	DRILLED 12 1/4" HOLE FROM 3967' TO 3985' = (18') IN 2 HRS = 9' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2460 PSI, TORQUE= 5400 FT LBS, ROTARY= 55, VIS = 42, MWT = 8.9, LCM = 20%,
	19:30	19:45	0.25	DRLSURF	12		P	3,985.0	RIG SERVICE, FUNCTION TEST CROWNSAVER, EXTEND ALARM, CHECK BRAKES, DEADMAN BOLTS, DO SLOW PUMP RATES AT 3983'
	19:45	5:00	9.25	DRLSURF	7		P	3,985.0	DRILLED 12 1/4" HOLE FROM 3985' TO 4060' = (75') IN 9.25 HRS = 8.1 / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2460 PSI, TORQUE= 5400 FT LBS, ROTARY= 55, VIS = 42, MWT = 8.9, LCM = 20%,
	5:00	6:00	1.00	DRLSURF	15		P	4,060.0	CIRCULATE AND CONDITION HOLE CLEAN, PUMP HI VIS SWEEP, RECIPROCATE PIPE 90', VIS 42, MWT 8.9, LCM 20%, 765 GPM. LOSSES = 1.5 BBL/HRS,
1/27/2011	6:00	9:30	3.50	DRLSURF	13		P	4,060.0	PRE TOUR SAFETY MEETING WITH CREW COMING IN FROM DAYS OFF, WIPER TRIP TO SHOE, FLOW CHECKS; 4060', & 839', HOLE IN GOOD CONDITION, NO TIGHT SPOTS, PRECAUTIONARY REAM LAST 3 STANDS TO BOTTOM. HOLE TAKING FLUID. STEEL LINE MEASURE OUT OF HOLE 23' MORE THAN PIPE TALLY
	9:30	11:30	2.00	DRLSURF	15		P	4,060.0	CIRCULATE HOLE CLEAN, INCREASE LCM TO 30% AND RAISE VIS TO 52. HOLE HEALED UP
	11:30	13:00	1.50	DRLSURF	13		P	4,060.0	TRIP OUT OF HOLE, FLOW CHECKS @4060, 1025', BHA. HOLE IN GOOD SHAPE, NO TIGHT SPOTS

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	13:00	14:15	1.25	DRLSURF	13		P	4,060.0	LAYDOWN 36 JOINTS OF 4 1/2" DRILL PIPE BORROWED FROM P.D. RIG 406
	14:15	15:45	1.50	DRLSURF	13		P	4,060.0	TRIP OUT OF HOLE WITH HWDP AND 6 1/2" DRILL COLLARS
	15:45	16:30	0.75	DRLSURF	13		P	4,060.0	LAY DOWN 8" DRILL COLLARS, TBRs, SHOCK SUB AND JARS
	16:30	18:00	1.50	DRLSURF	13		P	4,060.0	BREAK OFF BIT AND LAY DOWN DIRECTIONAL TOOLS AND MUD MOTOR
	18:00	18:30	0.50	CASSURF	24		P	4,060.0	HELD PRE TOUR SAFETY MEETING, CLEAN FLOOR AND REMOVE 8" EQUIPMENT FROM CATWALK,
	18:30	20:45	2.25	CASSURF	24		P	4,060.0	RIG OUT TOP DRIVE BAILS, HELD SAFETY MEETING WITH TESCO CREWS AND PD CREWS (RIGING UP AND RUNNING CASING) PICK UP AND RIG UP TESCO TOOLS,
	20:45	6:00	9.25	CASSURF	24		P	4,060.0	RUN 3300', 75JOINTS OF 9.5/8, 40#, N-80 LTC, CASING, START JOB, THREAD LOCK ALL FLOAT EQUIPMENT, INSTALL BOW SPRING CENTRALIZER WITH STOP COLLARS ON THE FIRST THREE JOINTS AND ONE FLOATING CENTRALIZER EVERY THIRD JOINT TO THE BASE OF CONDUCTOR, 1025' KB, RUN CASING AT A TRIP SPEED OF 1.5 MINUTES PER JOINT SLIP TO SLIP, STOP AND FILL EVERY 10 JOINTS, RECORD PRESSURE CHECK RETURNS, STOP AT SHOE AND CIRCULATE BOTTOMS UP = 9 MINS, CONTINUE TO RUN CASING TO BOTTOM, RECORD PICK UP AND SLACK OFF WT, AND CIRCULATING PRESSURE, RUNNING CASING AT 0600 HRS, (REPORT TIME)
1/28/2011	6:00	8:00	2.00	CASSURF	24		P	4,060.0	CONTINUE RUN 17 JOINTS OF 9 5/8 CASING FROM 3300' TO 4083'. TAGGED BOTTOM WITH CASING AT 08:00 @ 4083'. RAN A TOTAL OF 92 JOINTS OF 9 5/8, 40#, N-80, LTC, 8RND RANGE 3 CASING. TOTAL OF 28 BOW SPRING CENTRALIZERS WITH STOP COLLARS ON THE FIRST THREE JOINTS AND ONE FLOATING CENTRALIZER EVERY THIRD JOINT TO THE BASE OF CONDUCTOR, 1025' KB.
	8:00	9:00	1.00	CASSURF	15		P	4,060.0	CIRCULATE CONDITION MUD BRING VIS UP TO 55, AND MAINTAIN LCM @ 30%
	9:00	11:30	2.50	CASSURF	15		N	4,060.0	CIRULATE CONDITION MUD WHILE WAITING ON CEMENTERS TO FINISH CEMENT JOB ON P.D. RIG 406. CIRCULATING WITH TESCO TOOL WHILE WAITING ON SCHLUMBERGER CIRCULATING SWEDGE.
	11:30	13:45	2.25	CASSURF	15		P	4,060.0	HAVE PRE JOB SAFETY MEETING WITH TESCO AND LAY DOWN TESCO CASING RUNNING TOOL WHILE CIRCULATING WITH SCHLUMBERGER CIRCULATING SWEDGE, RIG UP LONG BAILS AND 350 TON ELEVATORS
	13:45	19:30	5.75	CASSURF	15		N	4,060.0	CIRCULATE AND CONDITION MUD WHILE WAITING ON SCHLUMBERGER CEMENTERS. VIS = 61, MWT = 9.1, LCM = 30% RECIPROCATE PIPE 45',
	19:30	20:30	1.00	CASSURF	25		P	4,060.0	SPOT CEMENT TRUCKS, RIG UP CEMENTERS STANDPIPE, LOAD CEMENTING HEAD, BRING CEMENTING EQUIPMENT TO FLOOR,
	20:30	20:45	0.25	CASSURF	41		P	4,060.0	HELD SAFETY MEETING WITH SCHLUMBERGER CREWS AND PD CREWS, AND ELPASO REPS, (CEMENTING CASING)
	20:45	21:00	0.25	CASSURF	25		P	4,060.0	RIG UP CEMENTERS, INSTALL CEMENTING HEAD AND LINES

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	21:00	0:00	3.00	CASSURF	25		P	4,060.0	SCHLUMBERGER PRESSURE TESTED PUMP AND LINES TO 2500 PSI (TEST GOOD) START JOB, PUMPED 20 BBLS OF GREEN DYED WATER, PUMPED 20 BBLS OF 10 PPG MUD PUSH, PUMPED LEAD SLURRY = 348 BBLS OF 11PPG (491SX) YEILD 3.98 CU FT/SX, MIX WATER 25.6, GAL/SX PUMPED TAIL SLURRY 61.27 BBLS OF 14.2 PPG (215 SX) YIELD 1.6 CU FT/SX , MIX WATER 7.8 GALS/SX, DROP TOP PLUG ON THE FLY, START DISPLACEMENT, PUMPED 306 BBLS OF RESERVE PIT WATER, LIFT PRESSURE = 713 PSI, AT 5.8 BBM, BUMP PLUG AT 23:45 HRS ON 01/27/2011 AT 1320 PSI, HELD PRESSURE FOR 10 MIN, BLEED OFF 1.5 BBLS BACK, FLOATS HELD, (END JOB), HAD GOOD RETURNS THROUGH OUT MIXING AND DISPLACING OF CEMENT JOB, SEEN NO CEMENT BACK TO SURFACE, FLUID DROPED IN ANNULUS 50'+FEET,
	0:00	3:30	3.50	CASSURF	26		N	4,060.0	WAIT ON CEMENT, NOTIFY DEWIGHT FISHER (ELPASO) NOTIFY DENNIS INGRAM, (STATE OF UTAH) LEFT A PHONE MASAGE, OF DETAILS CEMENT JOB,
	3:30	3:45	0.25	CASSURF	41		N	4,060.0	HELD SAFETY MEETING WITH PD CREW AND SINGLE SHOT WIRE LINE,
	3:45	6:00	2.25	CASSURF	37		N	4,060.0	RIG UP AND RUN THERMAL WIRELINE LOGS,
1/29/2011	6:00	9:00	3.00	CASSURF	37		N	4,060.0	HAVE PRE JOB SAFETY MEETING WITH CREW ON WIRE LINE LOGGING, CONTINUE WITH TEMPERATURE LOGS TO LOCATE TOP OF CEMENT. (TOC TO BE DETERMINED)
	9:00	9:30	0.50	CASSURF	37		N	4,060.0	RIG DOWN SINGLE SHOT WIRE LINE
	9:30	9:45	0.25	CASSURF	25		N	4,060.0	PRE JOB WITH SAFETY MEETING WITH SCHLUMBERGER ON TOP JOB CEMENTING
	9:45	13:00	3.25	CASSURF	25		N	4,060.0	RIG UP SCHLUMBERGER, RUN IN HOLE (ANNULUS) 300' OF 1" TUBING. HOLE TOOK 2 BARRELS TO FILL, DOWN 30'. CIRCULATE BOTTOMS UP. NO CEMENT TO SURFACE, ONLY THIN DRILLING MUD. PUMP 98SCKS, 25BBLS OF CLASS G NEAT 15.8# CLASS G + 2%CACL. AT SURFACE GET BACK 4 BBLS TO CELLAR.
	13:00	13:45	0.75	CASSURF	25		N	4,060.0	LAY DOWN 300' OF 1" TUBING, INSTALL 350 TON ELEVATORS AND PULL 30K WT. ON CASING AND HOLD IN SUSPENSION.
	13:45	18:00	4.25	CASSURF	26		N	4,060.0	WAIT ON CEMENT, MONITOR ANNULAS. VOLUME HOLDING OK
	18:00	18:15	0.25	CASSURF	41		P	4,060.0	HELD PRETOUR HANDOVER AND SAFETY MEETING, (NIPPLE UP AND TESTING BOPE)
	18:15	19:45	1.50	CASSURF	27		P	4,060.0	SLACKED OFF CASING ONE FT, RIG DOWN LONG BAILS AND 350 TON ELEVATORS, PICK UP BOP SLINGS, PICK UP STACK AND MAKE ROUGH CUT ON 9.5/8 CASING, LAY DOWN CUT OFF,
	19:45	21:30	1.75	CASSURF	29		P	4,060.0	NIPPLE DOWN SURFACE DEVERTER, AND COMPONENTS, CUT OFF 13.3/8 CASING BOWL AND SET OUT,
	21:30	23:00	1.50	CASSURF	29		P	4,060.0	MAKE FINIAL CUT OFF AT 20.1/2" FROM TOP OF MATTING BORDS ON THE 9.5/8 CASING FOR LANDING OF 9.5/8 X 11"5K WELLHEAD, REMOVE 13.3/8 BOP COMPONENTS OUT FROM UNDER SUB, INSTALL 10K BOPE COMPONENTS UNDER SUB WITH CRANE,
	23:00	2:00	3.00	CASSURF	28		P	4,060.0	INSTALL AND WELD ON 9.5/8 CASING BOWL, AND TEST TO 1500 PSI FOR 30 MINS, (TEST WAS GOOD)
	2:00	6:00	4.00	CASSURF	28		P	4,060.0	NIPPLE UP 10K BOPE STACK, START JOB, INSTALL B-SECTION, PICK UP THE REST OF THE BOP COMPONENTS,
1/30/2011									

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	6:00	17:00	11.00	CASSURF	28		P	4,060.0	CONTINUED TO RIG UP 11" 10M BOP STACK, FLOW LINE, HCR VALVE, KILL LINE PICKED UP AND INSTALL SINGLE GATE PIPE RAMS, DOUBLE GATE PIPE RAMS (BLINDS IN THE BOTTOM HOLE, 4 1/2" PIPE RAMS IN UPPER HOLE) INSTALLED 11" ANNULAR PREVENTER - 11" GRANT ROTATING HEAD - INSTALLED HCR VALVE, INSTALL KILL LINE AND CHOKE LINE TORQUE UP BOP BOLTS WITH WEATHERFORD / RIG UP FLOOR TO PRESSURE TEST,
	17:00	17:15	0.25	CASSURF	19		P	4,060.0	HEDL PRE-JOB SAFETY MEETING WITH WEATHERFORD PRESSURE TESTERS ON TESTING 11" 10M BOPE
	17:15	0:45	7.50	CASSURF	19		P	4,060.0	INSTALLED TEST PLUG IN WELL HEAD FOR TESTING OF BOP - RIG UP PRESSURE TESTER - FILL BOP WITH WATER FOR TESTING - TESTED UPPER, LOWER DRILL PIPE RAMS, OUT SIDE VALVES, INSIDE VALVES HCR VALVE, TESTED INSIDE BOP, FULL OPENING SAFETY VALVE, LOWER SAFETY, UPPER HYDRAULIC VALVE ON TDU, TO 250 PSI, LOW, 5000 PSI HIGH, TESTED STAND PIPE TO 250 PSI, LOW, 3500 PSI HIGH - TESTED BLIND RAMS TO 250 PSI LOW AND 5000 PSI HIGH - TEST ANNULAR PREVENTER TO 4000 PSI - NOTE: ALL LOW, HIGH TEST RAN FOR 10 MINUTES EACH PREFORMED ACCUMALTOR FUNCTION TEST (GOOD) TEST CASING TO 1500PSI FOR 30 MIN OK.
	0:45	1:45	1.00	CASSURF	19		P	4,060.0	INSTALL WEAR BUSHING
	1:45	4:00	2.25	CASSURF	42		P	4,060.0	HAVE PRE JOB SAFETY MEETING, MAKE UP ONE STAND OF DRILL COLLARS, BIT SUB AND MILL TOOTH 8 3/4 BIT AND DRILL NEW MOUSE HOLE. RACK BACK STAND OF COLLARS, BLOW OUT TOP DRIVE
	4:00	4:45	0.75	CASSURF	42		P	4,060.0	GET FLOOR READY FOR PICKING UP BHA, RECONNECT HYDRAULIC LINES ON BOPs
	4:45	6:00	1.25	CASINT1	13		P	4,060.0	HAVE JSA ON PICKING UP BHA, PICK UP DIRECTIONAL BHA AS PER TOTAL DIRECTIONAL
1/31/2011	6:00	8:15	2.25	CASSURF	14		P	4,083.0	HELD PRE-TOUR SAFETY MEETING - MAKE UP BIT # 3 ULTERRA MT1377DU 8.75" TO 6.50" WENTZEL MUD MOTOR: 9/10 LOBE, 3.5 STAGE 0.15 REV / GAL WITH 1.5 DEGREE BEND - MAKE UP E-M TOOL, DOWN LOAD SAME
	8:15	9:30	1.25	CASSURF	13		P	4,080.0	CONTINUED TO RIH WITH BHA FROM THE DERRICK
	9:30	10:45	1.25	CASSURF	13		P	4,083.0	HELD SAFETY MEETING ON RIH WITH DRILL PIPE FROM THE DERRICK AND PICKING UP EXCESS DRILL PIPE FROM THE RACKS - CONTINUED TO RIH FROM 861' / 2985'
	10:45	11:15	0.50	CASSURF	14		N	4,083.0	STARTED PICKING UP EXCESS 4 1/2" DRILL PIPE FROM THE RACK RABBITING SAME - IT WAS DISCOVERED THE RABBIT WAS MISSING! - LOOKED ALL AROUND RIG FLOOR AND VEE-DOOR, UNDER THE CAT WALK, AND THE GROUND AREA, NO RABBIT TO BE FOUND
	11:15	13:45	2.50	CASSURF	13		N	4,083.0	TRIPPED OUT FROM 2985' TO GAP SUB AT 78' - FOUND RABBIT IN TOP OF SAME
	13:45	14:45	1.00	CASSURF	13		N	4,083.0	RUN BACK IN THE HOLE TO 2985'
	14:45	15:45	1.00	CASSURF	14		P	4,083.0	CONTINUED TO PICK UP 4 1/2" DRILL PIPE FROM THE RACK TO A DEPTH OF 3740'
	15:45	17:00	1.25	CASSURF	17		P	4,083.0	HELD PRE-JOB SAFETY MEETING ON SLIPPING AND CUTTING DRILLING LINE - HANG OFF TOP DRIVE UNIT - SLIP AND CUT OFF 9 WRAPS (54') OF DRILLING LINE
	17:00	17:30	0.50	CASSURF	14		P	4,083.0	CONTINUED TO PICK UP 4 1/2" DRIL PIPE FROM RACKS - TAGGED UPON CEMENT STRINGER @ 4011'
	17:30	19:00	1.50	CASSURF	16		P	4,083.0	WASH CEMENT FROM 4011' TO TOP OF FLOAT COLLAR @ 4036'. DRILL OUT SHOE TRACK TO 4083' WITH CORRECTED DEPTH. RIGS PIPE TALLY WAS OUT 23' AND ACTUAL HOLE DEPTH WAS 4083' NOT 4060'
	19:00	19:15	0.25	DRLINT1	7		P	4,083.0	DRILL 8 3/4" HOLE FROM 8083' TO 4091'
	19:15	19:45	0.50	DRLINT1	15		P	4,091.0	CIRCULATE HOLE CLEAN, HAVE JSA ON FORMATION INTEGRITY TEST.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	19:45	20:30	0.75	DRLINT1	33		P	4,091.0	PREFORMED FIT TEST - TEST FLUID WEIGHT 8.4 PPG @ 4091' TVD, SURFACE PRESSURE 1200 PSI = E MUD WT OF 14.05 PPG OR PRESSURE GRADIENT OF .73
	20:30	22:45	2.25	DRLINT1	7		P	4,091.0	DRILLED 8 3/4 HOLE FROM 4091' TO 4219' = (128') IN 2.25 HRS = 57' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 7900 FT LBS, ROTARY= 55 RPM
	22:45	23:00	0.25	DRLINT1	41		P	4,219.0	BOP DRILL, WELL SECURE, MEN IN PLACE IN 90 SEC
	23:00	0:30	1.50	DRLINT1	7		P	4,219.0	DRILLED 8 3/4 HOLE FROM 4219' T 4312' = (93') IN 1.5 HRS = 62' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 5400 FT LBS, ROTARY= 60 RPM
	0:30	1:00	0.50	DRLINT1	12		P	4,312.0	RIG SERVICE
	1:00	6:00	5.00	DRLINT1	7		P	4,312.0	DRILLED 8 3/4 HOLE FROM 4312' TO 4540'= (228') IN 5 HRS = 46' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 5400 FT LBS, ROTARY= 60 RPM
2/1/2011	6:00	7:15	1.25	DRLINT1	7		P	4,540.0	DRILLED 8 3/4 HOLE FROM 4540' TO 4591'= (51') IN 1.25 HRS = 41' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 7400 FT LBS, ROTARY= 60 RPM
	7:15	7:30	0.25	DRLINT1	41		P	4,591.0	BOP DRILL, WELL SECURE IN 47 SECONDS. FUNCTION LOWER PIPE RAMS
	7:30	14:15	6.75	DRLINT1	7		P	4,591.0	DRILLED 8 3/4 HOLE FROM 4591' TO 4871' = (280') IN 6.75 HRS = 42' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 7400 FT LBS, ROTARY= 60
	14:15	14:30	0.25	DRLINT1	12		P	4,871.0	RIG SERVICE
	14:30	1:00	10.50	DRLINT1	7		P	4,871.0	DRILLED 8 3/4 HOLE FROM 4871' TO 5245' = (374') IN 10.5 HRS = 36' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2300 PSI, TORQUE= 7500 FT LBS, ROTARY= 60
	1:00	1:15	0.25	DRLINT1	12		P	5,245.0	RIG SERVICE
	1:15	4:15	3.00	DRLINT1	7		P	5,245.0	DRILLED 8 3/4 HOLE FROM 5245 TO 5431' = (186') IN 3 HRS = 62' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2300 PSI, TORQUE= 7500 FT LBS, ROTARY= 60
	4:15	4:45	0.50	DRLINT1	7		P	5,431.0	SLIDE DRILL 5431' TO 5451'
	4:45	6:00	1.25	DRLINT1	7		P	5,451.0	DRILLED 8 3/4 HOLE FROM 5451' TO 5580' = (129') IN 1.25 HRS = 100' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2300 PSI, TORQUE= 7500 FT LBS, ROTARY= 60
2/2/2011	6:00	10:30	4.50	DRLINT1	7		P	5,580.0	DRILLED 8 3/4 HOLE FROM 5580' TO 5804 = (224') IN 4.5 HRS = 50' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2300 PSI, TORQUE= 7500 FT LBS, ROTARY= 60. SLIDE F/ (5618' TO 5638') (5653' TO 5668') (5711' TO 5741')
	10:30	10:45	0.25	DRLINT1	12		P	5,804.0	RIG SERVICE
	10:45	18:00	7.25	DRLINT1	7		P	5,804.0	DRILLED 8 3/4 HOLE FROM 5804' TO 6250' = (446') IN 7.25 HRS = 62' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2350 PSI, TORQUE= 8300 FT LBS
	18:00	2:15	8.25	DRLINT1	7		P	6,250.0	DRILLED 8 3/4 HOLE FROM 6250' TO 6643'= (446') IN 8.25 HRS = 48' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2650 PSI, TORQUE= 8800 FT LBS SLIDE F/ (6270'-6290') (6332'-6353') (6270'-6290') (6332'-6353')
	2:15	2:30	0.25	DRLINT1	12		P	6,643.0	RIG SERVICE
	2:30	6:00	3.50	DRLINT1	7		P	6,643.0	DRILLED 8 3/4 HOLE FROM 6643' TO 6780'= (137') IN 3.5 HRS = 40' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2650 PSI, TORQUE= 8800 FT LBS
2/3/2011	6:00	15:30	9.50	DRLINT1	7		P	6,780.0	DRILLED 8 3/4 HOLE FROM 6780' TO 7015' = (235') IN 9.50 HRS = 24.7' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2565 PSI, TORQUE= 8314 FT LBS SLIDE FROM (6829'-6844'), (6900'-6915')
	15:30	15:45	0.25	DRLINT1	12		P	7,015.0	SERVICE UP RIG - FUNTION TEST UPPER DRILL PIPE RAMS, 45 SEC TO CLOSE
	15:45	3:45	12.00	DRLINT1	7		P	7,015.0	DRILLED 8 3/4 HOLE FROM 7015' TO 7296'= (281') IN 12 HRS = 23.4' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2620 PSI, TORQUE= 7800 FT LBS
	3:45	4:00	0.25	DRLINT1	12		P	7,296.0	RIG SERVICE

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	4:00	6:00	2.00	DRLINT1	7		P	7,296.0	DRILLED 8 3/4 HOLE FROM 7296' TO 7345' = (49') IN 2 HRS = 25' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2720 PSI, TORQUE= 7700 FT
2/4/2011	6:00	11:15	5.25	DRLINT1	7		P	7,345.0	DRILLED 8 3/4 HOLE FROM 7345' TO 7457' = (112') IN 5.25 HRS = 22' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2720 PSI, TORQUE= 7700 FT
	11:15	11:45	0.50	DRLINT1	15		P	7,457.0	CIRCULATE, FLOW CHECK @ 7467' - WELL FLOWING AT 5.5 / 6 BBLS / HOUR
	11:45	14:00	2.25	DRLINT1	15		P	7,457.0	MUD UP TO 8.7 PPG , FLOW CHECK @ 7467' NO FLOW
	14:00	14:15	0.25	DRLINT1	41		P	7,457.0	PRE JOB SAFETY MEETING ON TRIPPING OUT OF THE HOLE, FUNCTION ANNULAR, 21 SECONDS TO CLOSE
	14:15	19:30	5.25	DRLINT1	13		P	7,457.0	PUMP PILL, TRIP OUT OF HOLE FOR BIT F/ 7457' TO 863'. RACK BACK BHA, LAY DOWN JARS AND TBR'S. FLOW CHECKS 7457', 7016', 4033', 861' AT SURFACE - NO FLOWS SEEN!
	19:30	19:45	0.25	DRLINT1	13		P	7,457.0	CLEAN FLOOR, PREP TO RUN IN HOLE
	19:45	20:00	0.25	DRLINT1	41		P	7,457.0	PRE JOB SAFETY MEETING ON TRIPPING IN HOLE
	20:00	1:30	5.50	DRLINT1	13		P	7,457.0	MAKE UP NEW ULTERRA 8 3/4" BIT#4, TRIP IN HOLE WITH BHA, PICK UP TBR'S AND JARS. FILL EVERY 3000', PRECAUTIONARY WASH LAST 150' TO BOTTOM, NO FILL HOLE IN GOOD CONDITION, NO TIGHT SPOTS ON TRIP
	1:30	2:30	1.00	DRLINT1	7		P	7,457.0	PATTERN IN NEW BIT, DRILLED 8 3/4" HOLE FROM 7457' TO 7482'
	2:30	2:45	0.25	DRLINT1	12		P	7,482.0	RIG SERVICE, FUNCTION ANNULAR, 21 SECONDS TO CLOSE
	2:45	6:00	3.25	DRLINT1	7		P	7,482.0	DRILLED 8 3/4 HOLE FROM 7482' TO 7615' = (133') IN 3.25 HRS = 41' / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2800 PSI, TORQUE= 8900 FT
2/5/2011	6:00	12:45	6.75	DRLINT1	7		P	7,615.0	DRILLED 8 3/4 HOLE FROM 7615' TO 7855' = (240') IN 6.75 HRS = 36' / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2660 PSI, TORQUE= 7700 FTLBS
	12:45	13:00	0.25	DRLINT1	12		P	7,855.0	RIG SERVICE, FUNCTION HCR 2 SECENDS TO CLOSE
	13:00	1:45	12.75	DRLINT1	7		P	7,855.0	DRILLED 8 3/4 HOLE FROM 7855' TO 8229'= (374') IN 12.75 HRS = 29' / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2660 PSI, TORQUE= 9000 FTLBS. SLIDE (82145'-8165'), (8043'-8063')
	1:45	2:00	0.25	DRLINT1	12		P	8,043.0	RIG SERVICE, FUNCTION HCR 2 SECONDS TO CLOSE
	2:00	6:00	4.00	DRLINT1	7		P	8,063.0	DRILLED 8 3/4 HOLE FROM 8229' TO 8385' = (156') IN 4 HRS = 39" / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2660 PSI, TORQUE= 9000 FTLBS.
2/6/2011	6:00	13:45	7.75	DRLINT1	7		P	8,385.0	DRILLED 8 3/4 HOLE FROM 8385' TO 8602' = (217') IN 7.75 HRS = 28' / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2660 PSI, TORQUE= 9000 FTLBS. SLIDE (8430'-8440')
	13:45	14:00	0.25	DRLINT1	12		P	8,602.0	RIG SERVICE
	14:00	14:30	0.50	DRLINT1	45		N	8,602.0	KELLY HOSE BROKE OFF GOOSE NECK ON SWIVEL WHILE PREPAIRING TO MAKE ANOTHER CONNECTION. SNUBBING LINE HELD SAME IN PLACE - DISCONNECTED SAME LAY DOWN KELLY HOSE TO RIG FLOOR
	14:30	17:30	3.00	DRLINT1	45		N	8,602.0	TRIP OUT HOLE TO SHOE, FLOW CHECKS @ 8602',5484',4030'
	17:30	19:00	1.50	DRLINT1	45		N	8,602.0	REMOVE WASH PIPE, REMOVE GOOSE NECK FROM SWIVEL
	19:00	20:00	1.00	DRLINT1	45		N	8,602.0	SLIP ON 9 RAPS DRILL LINE
	20:00	23:30	3.50	DRLINT1	45		N	8,602.0	BREAK OFF SWIVEL FROM TOP DRIVE AND LAY DOWN, REMOVE BAIL CLAMPS FOR COMPENSATORS. MONITORING WELL ON TRIP TANK, WELL STABLE
	23:30	1:00	1.50	DRLINT1	45		N	8,602.0	PICK UP NEW EMSCO LB-300 SWIVEL & MAKE UP TO TOP DRIVE. INSTALL BAIL CLAMPS FOR COMPENSATORS MONITORING WELL ON TRIP TANK, WELL STABLE
	1:00	1:45	0.75	DRLINT1	45		N	8,602.0	INSTALL KELLY HOSE & SAFETY CABLES/CHARGE UP COMPENSATOR RAMS
	1:45	2:15	0.50	DRLINT1	45		N	8,602.0	CUT 9 WRAPS OF DRILLING LINE

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	2:15	3:30	1.25	DRLINT1	45		N	8,602.0	CLEAN FLOOR, SET UP TONGS, SET CROWN SAVER, PREPARE FLOOR TO TRIP IN HOLE. CIRCULATE THROUGH SWIVEL, NO LEAKS. MONITORING WELL ON TRIP TANK, WELL STABLE
	3:30	4:00	0.50	DRLINT1	45		N	8,602.0	PRE JOB SAFETY MEETING ON TRIPPING IN HOLE, TRIP IN HOLE FROM 4030' TO 4970'
	4:00	6:00	2.00	DRLINT1	45		N	8,602.0	PROBLEM WITH CROWN SAVER, WORKING ON SAME AT REPORT TIME
2/7/2011	6:00	8:00	2.00	DRLINT1	15		N	8,602.0	CIRCULATING AT 5065' WITH 297 GPM, RPMS: 64 SPP: 856 - WORKING DRILL STRING WHILE TRYING TO FIND A WELDER FOR REPAIRS ON SUPER BOWL SUNDAY! BGG: 21 UNITS MUD WT: 9.1 PPG VIS: 40
	8:00	8:30	0.50	DRLINT1	13		N	8,602.0	TRIPPED BACK OUT FROM 5065' BACK UP INTO 9 5/8" CSG, PULLED UP TO 4037'
	8:30	9:30	1.00	DRLINT1	44		N	8,602.0	FLOW CHECK WELL, NO FLOW! SHUT IN ANNULAR PREVENTER (21 SECONDS TO CLOSE) TO WELD ON CROWN SAVER LINKAGE TO DRAW WORKS DRUM BRAKES - REPAIRED SAME - TESTED SAME - OK! - NO PRESSURE ON THE WELL - OPENED BACK UP ANNULAR PREVENTER
	9:30	11:30	2.00	DRLINT1	13		N	8,602.0	RUN BACK INTO BOTTOM AT 8602', PRECAUTIONARY REAM F/ 8415' TO 8602' HOLE IN GOOD CONDITION, NO TIGHT SPOTS
	11:30	14:00	2.50	DRLINT1	7		P	8,602.0	CONTINUE TO DRILL 8.75" INTERMEDIATE HOLE SECTION - DRILLED 8 3/4 HOLE FROM 8602' TO 8694' = (92') IN 2.5 HRS = 37' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2660 PSI, TORQUE= 9000 FTLBS. SLIDE (8430'-8440')
	14:00	14:15	0.25	DRLINT1	12		P	8,694.0	RIG SERVICE
	14:15	1:15	11.00	DRLINT1	7		P	8,694.0	DRILLED 8 3/4 HOLE FROM 8694' TO 9069' = (375') IN 11HRS = 34' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2800 PSI, TORQUE= 8300 FTLBS
	1:15	1:30	0.25	DRLINT1	12		P	9,069.0	RIG SERVICE
	1:30	6:00	4.50	DRLINT1	7		P	9,069.0	DRILLED 8 3/4 HOLE FROM 9069' TO 9255' = (186') IN 4.5 HRS = 41' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2800 PSI, TORQUE= 8300 FTLBS
2/8/2011	6:00	6:30	0.50	DRLINT1	41		P	9,254.0	PRE TOUR SAFETY MEETING F/ 06:00 TO 06:15, RIG SERVICE, FUNCTION PIPE RAMS, 4 SECONDS TO CLOSE
	6:30	17:15	10.75	DRLINT1	43		N	9,254.0	TROUBLE SHOOT TOP DRIVE - UNABLE TO ROTATE TOP DRIVE UNIT FORWARDS OR BACK WARDS IN A DRILL MODE OR BREAK OUT MODE - SHORT LOOPED NEW 37 PIN CONTROLER CABLE FROM DRILIERS CONTROL BOX FOR TDU TO SAME ON RIG FLOOR - NO DIFFERENCE IN MOVEMENT - FOUND SHORT IN DRILLERS CONTROL PANNEL, HAD (2) OPEN SWITCHES, FOUND BAD MOTHER POP BOARD IN TOP DRIVE POWER HOUSE UNIT, AND BURNT OUT PORPORTINATE VALVE
	17:15	0:00	6.75	DRLINT1	7		P	9,254.0	DRILLED 8 3/4 HOLE FROM 9254' TO 9442' = (188') IN 6.75 HRS = 27' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2800 PSI, TORQUE= 10100 FTLBS
	0:00	0:15	0.25	DRLINT1	12		P	9,442.0	RIG SERVICE
	0:15	6:00	5.75	DRLINT1	7		P	9,442.0	DRILLED 8 3/4 HOLE FROM 9442' TO 9565' = (123') IN 5.75 HRS = 21' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2720 PSI, TORQUE= 10100 FTLBS
2/9/2011	6:00	11:30	5.50	DRLINT1	7		P	9,565.0	HELD PRETOUR SAFETY MEETING, DRILLED 8 3/4 HOLE FROM 9565' TO 9814 ' = (249') IN 5.5 HRS = 45' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2720 PSI, TORQUE= 10100 FTLBS,
	11:30	11:45	0.25	DRLINT1	41		P	9,814.0	HELD BOP DRILL, FUNCTION TEST LOWER PIPE RAMS 4 SEC C/O, MEN SECURE IN 83 SEC
	11:45	13:15	1.50	DRLINT1	7		P	9,814.0	DRILLED 8 3/4 HOLE FROM 9814' TO 9907' = (93') IN 1.5 HRS = 62' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2720 PSI, TORQUE= 10100 FTLBS,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	13:15	13:30	0.25	DRLINT1	12		P	9,907.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM,
	13:30	21:15	7.75	DRLINT1	7		P	9,907.0	DRILLED 8 3/4 HOLE FROM 9907' TO 10140' = (233') IN 7.75 HRS = 30' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2720 PSI, TORQUE= 10100 FTLBS,
	21:15	22:45	1.50	DRLINT1	15		P	10,140.0	CIRCULATE AND CONDITION MUD, RECIPROCATE PIPE 90', VIS = 43, MWT= 9.1, GPM=556, TORQUE = 7525,
	22:45	3:15	4.50	DRLINT1	13		P	10,140.0	WIPER TRIP OUT, CHECK FLOW NO FLOW, PUMP SLUG, PULLING OF HOLE TO THE SHOE, DRAG SEEN 20 / 25 K, PULLED TIGHT AT 4545', 45K OVER, WORKED SAME FREE BY BACK REAM FROM 4592' TO 4499. PULL UP IN ONTO SHOE AT 4083'
	3:15	3:30	0.25	DRLINT1	41		P	10,140.0	HELD SAFETY MEETING,(TRIPPING IN HOLE) CLEAN OFF FLOOR,
	3:30	6:00	2.50	DRLINT1	13		P	10,140.0	TRIP IN HOLE, ATTEMT TO WASH FROM 4405' TO 4499', PLUGGED STRING, PULL BACK TO SHOE AND ATTEMPT TO UNPLUG STRING, STRING STILL PRESSURED UP, TRIPPING OUT OF HOLE FOR PLUGGED STRING
2/10/2011	6:00	8:45	2.75	DRLINT1	13		N	10,140.0	CONTINUE TO POOH WET 3370' TO DIRECTIONAL TOOLS
	8:45	10:30	1.75	DRLINT1	14		N	10,140.0	LAY DOWN DIRECTIONAL TOOLS - NOTE: TRIED TO PUMP THROUGH MUD MOTOR AND BIT ONLY! PRESSURED UP TO 953 PSI - BEARING INDEX WAS 3/8" WEAR - AFTER BREAKING OFF TORQUE BUSTER AND BIT NEITHER ONE WAS PLUGGED! - MUD MOTOR PLUGGED UP! 8 DEGREES - BLOW DOWN TOP DRIVE UNIT - CLEAN RIG FLOOR FROM PULLING OUT WET
	10:30	12:00	1.50	DRLINT1	14		P	10,140.0	MAKE UP CLEAN OUT MILL TOOTH BIT 8.75" BIT # 5 - STRAP BHA #5
	12:00	15:00	3.00	DRLINT1	16		P	104,140.0	PRE-CAUTIONARY WASH AND REAM LOOKING FOR POSSIBLE TIGT SOT AROUND 4545' - W&R FROM 4240' / 4698' NOTE: ONE SPOT WITH BRIEF FLICKER OF 5K WEIGHT AT 4533' - WORKED DOWN BELOW, PICKED BACK UP NO SNUGNESS SEEN UP OR BACK THRU SAME SPOT - WHIEL REAMING HAD LOSSES TO HOLE OCCURRING, LOSING AT 200 BBLS / HOUR
	15:00	15:15	0.25	DRLINT1	52		N	10,140.0	PULLED BACK UP FROM 4698' / 4240' - NO SNUGNESS SEEN PULLING BACK UP THROUGH THIS AREA OF THE HOLE
	15:15	15:45	0.50	DRLINT1	52		N	10,140.0	WENT TO SHORT LOOP THE SYSTEM, HAD FROZEN PATH FROM SHAKERS TO SUCTION TANK # 5 - CONTINUED TO CIRCUALTE LONG WAY TILL SHORT LOOP COULD BE STEAMED AND DUG OUT - TAKE ON PRE-MIX MUD AND ADDING WATER AS REQUIRED, ADDING LCM - UNABLE TO MAINTAIN MUD WEIGHT GOING DOWN
	15:45	16:30	0.75	DRLINT1	52		N	10,140.0	SHUT DOWN CIRCUALTION SO MUD WEIGHT COULD BE ADJUSTED AND VOLUME BUILT WITH 15 / 20 LCM BEING ADDED - WORKING DRILL STRING SLOWLY WHILE MONITORING STRING WEIGHT, NO HOLE DRAG SEEN
	16:30	18:00	1.50	DRLINT1	52		N	10,140.0	BUILT VOLUME BACK TO 797 BBLS WITH 15% LCM AND 9.3 PPG, VIS: 52 - PUMPED SAME WHILE WORKING DRILL STRING AT 4228' / 4143' - HOLE TOOK ANOTHER 51 BBLS BEFORE STABILIZING LOSSES
	18:00	20:30	2.50	DRLINT1	13		P	10,140.0	HELD PRETOUR SAFETY MEETING,CONTINUED TO TRIP IN THE HOLE STRAP AND FILL DRILL PIPE AT 2000' INTERVAILS, TRIP IN TAGGED AT 8903' PULLED 2 STANDS ABOVE TO 8703'
	20:30	22:45	2.25	DRLINT1	16		N	10,140.0	WASH AND REAM FROM 8703' TO 9130' RAN 2 STANDS TO 9330' TAGGED, PULL 5 STANDS, WASH AND REAM FROM 8708' TO 9181' LOST CIRCULATION, LOST 40 BBLS,
	22:45	23:00	0.25	DRLINT1	52		N	10,140.0	SLOW PUMPS DOWN = RATE, 282 GPM, CONDITION MUD MIX LCM, FULL RETURNS,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	23:00	0:30	1.50	DRLINT1	16		N	10,140.0	WASH AND REAM FROM 9181' TO 10140', CONDITION MUD TO 46 VIS 20% LCM, DEVERT TO GAS BUSTER TRIP GAS = 1800 UNITS = 25' FLARE,
	0:30	2:00	1.50	DRLINT1	15		P	10,140.0	CIRCULATE AND CONDITION TWO BOTTOMS UP = 46 VIS 20% LCM, 565 GPM, 2350 PSI, NO MUD LOSSES,
	2:00	2:15	0.25	DRLINT1	41		P	10,140.0	HELD SAFETY MEETING, (TRIPPING OUT OF HOLE) CHECK FOR FLOW, NO FLOW,
	2:15	6:00	3.75	DRLINT1	13		P	10,140.0	WIPER TRIP OUT TO SHOE, PULLED TIGHT 30K / 40K 10090. 99000, PULLED 68K OVER AT 9401', BACK REAM , CHECK FOR FLOW (NO FLOW,) NO DRAG FROM 8703 TO 6421',
2/11/2011	6:00	7:00	1.00	DRLINT1	51		N	10,140.0	CONTINUED TO WIPE HOLE FROM 6421', BACK UP INTO 9 5/8" CASING SHOE AT 4083'
	7:00	8:00	1.00	DRLINT1	17		N	10,140.0	SLIP AND CUT 9 WRAPS (54') OF DRILING LINE
	8:00	10:00	2.00	DRLINT1	51		N	10,140.0	RIH TO 7593' NO TIGHT HOLE SEEN RUNNING BACK INTO THIS POINT OF THE HOLE
	10:00	11:00	1.00	DRLINT1	51		N	10,140.0	PRECAUTIONARY WASH AND REAM FROM 7593' / 7905' - NO TIGTNESS SEEN THRU THIS INTERVAL OF THE HOLE
	11:00	11:30	0.50	DRLINT1	51		N	10,140.0	RUN IN THE HOLE FROM 7905' TO 8714' - ROUGHTLY 200' ABOVE PREVIOUS TIGHT HOLE SECTION SEEN PULLING OUT
	11:30	14:30	3.00	DRLINT1	51		N	10,140.0	WASHED AND REAMED FROM 8714' TO 10,140' - TIGHT SPOTS SEEN AS FOLLOWS: 8876' 8902' 8966' 9001' 9021' (DOWN WEIGHT 10K / 20K) 9051' (30K) 9098' 9445' 9732' / 9742' 9814' 9824' 9870' 9898' (10K / 20K) - NOTE: HAD 7 FEET OF FILL ON BOTTOM!
	14:30	14:45	0.25	DRLINT1	12		N	10,140.0	SERVICE UP RIG - FUNCTION TESTED HYDRILL, CLOSED IN 21 SECONDS
	14:45	21:30	6.75	DRLINT1	51		N	10,140.0	WIPED HOLE FROM 10,140' / 8496' HAD THREE TIGHT SPOTS THROUGH THIS SECTION OF THE HOLE: 9585' 50K, 9554' 25K, 9397 30K, WIPPER TRIP INTO 8824', WASHED AND REAMED, PUMPED AND ROTATED, PUMP ONLY, SLIDE WITH OUT PUMP OR ROTATING, EACH STAND FROM 8824' TO 10140'. SEEN NO RESISTANCE WHILE RUNNING BACK TO BOTTOM,18:00 HRS TO 18:15 HRS, HELD PRETOUR SAFETY MEETING, (TRIPPING PIPE)
	21:30	23:00	1.50	DRLINT1	15		P	10,140.0	CIRCULATE AND CONDITION,TWO BOTTOMS UP, RECIPROCATE PIPE, 90' = 46 VIS 20% LCM, 9.5 MWT 565 GPM, 2350 PSI, NO MUD LOSSES, CHECK FLOW AT 10140,NO FLOW
	23:00	4:45	5.75	DRLINT1	13		P	10,140.0	TRIP OUT OF THE HOLE TO THE CASING SHOE AT 4083' SEEN NO TIGHT SPOTS, CHECKED FOR FLOW AT 9675' 9210',NO FLOW, PUMPED SLUG AT 9210' CONTINUED TO TRIP OUT TO SHOE, (NO TIGHT SPOTS SEEN), CONTINUED TO TRIP THE REST OF THE WAY OUT OF THE HOLE TO SURFACE,
	4:45	5:15	0.50	DRLINT1	12		P	10,140.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWN SAVER, AND CHECK EXTENDED ALARM,
	5:15	6:00	0.75	DRLINT1	65		N	10,140.0	WAIT ON LOGGERS, LOGGERS CALLED AND THEY ARE BROKE DOWN IN ROOSEVELT UT, (35 MILES AWAY!)
2/12/2011	6:00	9:00	3.00	DRLINT1	65		N	10,140.0	WAIT ON HALLIBURTON LOGGERS, TRUCK WAS BROKE DOWN 36 MILES FROM RIG IN ROOSEVELT UT, EXPECTING 3 TO 4 HR DELAY, HAD ANOTHER LOG'G TRUCK COME IN YARD FROM ANOTHER FINISHED JOB, SWAPED OUT TOOLS, SENT SAME TO US, ARRIVED ON LOCATION 07:45 HRS 02/11/11
	9:00	9:15	0.25	DRLINT1	41		P	10,140.0	HELD SAFETY MEETING WITH HALLIBURTON, PD CREWS ELPASO REPS, ON PICKING UP AND RUNNING LOGGING TOOLS,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	9:15	15:00	5.75	DRLINT1	37		P	10,140.0	RIG UP AND RUN WIRE LINE LOGS WITH HALLIBURTON RAN: SPECTRAL DENSITY, DUAL SPACED NEUTRON, ARRAY COMPENSATED TRUE RESISTIVITY, BORE HOLE COMPENSATED SONIC ARRAY, LOGGERS WIRE LINE DEPTH OF HOLE 10,140', 9 5/8" CASING SHOE: 4,080' WL - RIG DOWN LOGGERS
	15:00	15:15	0.25	DRLINT1	41		P	10,140.0	HELD SAFETY MEETING, (TRIPPING PIPE, DOING JSAs)
	15:15	21:30	6.25	DRLINT1	13		P	10,140.0	MAKE UP BHA, TRIP IN TO 1000', INSTALL ROTATING HEAD, FILL PIPE EVERY 2000' CHECK FOR RETURNS, FULL RETURNS, WASH DOWN THE LAST 2 STANDS, DID NOT SEE ANY TIGHT SPOTS RUNNING INTO BOTTOM AT 10,140' TMD
	21:30	23:15	1.75	DRLINT1	15		P	10,140.0	CIRCULATE AND CONDITION,TWO BOTTOMS UP, RECIPROCATE PIPE, 90' - VIS: 46, LCM: 20%, MW: 9.5, GPM: 565, PSI: 2420, NO MUD LOSSES, TRIP GAS = 1325 UNITS WITH A 25' FLARE, CIRCULATED ALL GAS OUT.
	23:15	23:30	0.25	DRLINT1	12		P	10,140.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWN SAVER, AND CHECK EXTENDED ALARM, HELD SAFETY MEETING, (LAYING DOWN DRILLPIPE),
	23:30	6:00	6.50	DRLINT1	13		N	10,140.0	PRECAUTIONARY WIPER TRIP BEFORE LAYING DOWN DRILLPIPE FROM 10,140' / 8745' PULLED 15 STANDS, HAD THREE TIGHT SPOTS THROUGH THIS SECTION OF THE HOLE: 9896' 40K, 9802' 30K, 9492 25K, START WASHING AND REAMING AT 8745', PUMPED AND ROTATED, PUMP ONLY, SLIDE WITH OUT PUMP OR ROTATING, EACH STAND FROM 8745' TO 10140', TAGGED AT 8828'/ 9080'/ 9102'/ 9541'/ 9754' PUSHING IT TO BOTTOM,
2/13/2011	6:00	6:30	0.50	DRLINT1	70		P	10,140.0	HELD SAFETY STAND DOWN MEETING WITH CREW AND ELPASO SAFETY REPS AND FIELD OPPERATIONS MANAGER DICUSSED RECENT HAND INCIDENTS OF PRECISION DRILLING RIG CREWS
	6:30	7:00	0.50	DRLINT1	16		N	10,140.0	WASHED REAMED INTERMITTEN TIGHT SPOTS FROM 9871' / 10,140'
	7:00	8:15	1.25	DRLINT1	15		P	10,140.0	CIRCUALTE AND CONDITION MUD FOR PULLING OUT LAYING DOWN 4 1/2" DRILL STRING TO RUN 7" INTERMEDIATE CASING
	8:15	9:00	0.75	DRLINT1	13		P	10,140.0	POOH STANDING BACK 15 STANDS OF 4 1/2" DRILL PIPE - NOTE: SAW SEVERAL OVER PULL SPIKES FROM: 9959' 40K, 9932' 45K, 9853' 50K, 9604' 30K, 9566' 30K, 9372' 30K, 9257' 30K - FLOW CHECKED WELL AT 8733', NO FLOW! PUMPED TRIP PILL
	9:00	14:45	5.75	DRLINT1	14		P	10,140.0	- CONTINUED TO POOH LAYING DOWN DRILL PIPE - NOTE: PULLED FREELY FROM 9257' BACK UP INTO THE 9 5/8" CASING SHOE AT 4083" - CONTINUED TO PULL OUT TO BHA AT 687'
	14:45	15:15	0.50	DRLINT1	14		P	10,140.0	RAN BACK IN WITH THE 15 STANDS FROM THE DERRICK ON THE BHA TO 2000'
	15:15	17:30	2.25	DRLINT1	14		P	10,140.0	CONTINUED TO POOH LAYING DOWN THE REST OF THE 4 1/2" DRILL STRING, LAID DOWN BHA
	17:30	18:00	0.50	DRLINT1	42		P	10,140.0	PULLED WEAR BUSH FROM WELL HEAD
	18:00	20:30	2.50	CASINT1	24		P	10,140.0	HELD PRETOUR SAFETY MEETING,(CLEANING OFF FLOOR) RIG OUT 4.5 TOOLS OFF FLOOR, RIG UP 3.5 TOOLS, PREPAIR FLOOR FOR RUNNING 7" CASING,

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	20:30 6:00	9.50	CASINT1	24		P	10,140.0	HELD PRE JOB SAFETY MEETING WITH PD CREW, TESCO, ELPASO REP, (RIGGING UP AND RUNNING CASING) RIG UP TESCO CDS TOOLS, START JOB, PICK UP FLOAT SHOE, 1 SHOE JOINT, FLOAT COLLAR, AND THREAD LOCK ALL FLOAT EQUIPMENT, INSTALL STOP RINGS AND CENTRALIZERS ONE ON EACH OF THE FIRST 3 JOINTS, PUMP THROUGH AND TEST FLOATS (OK) INSTALL BOW SPRING CENTRALIZERS (FLOATING) EVERY THIRD JOINT (120' SPACING) RUN 7" 29# HCP 110 LTC CASING TO 2900' MADE UP FIRST 10 JOINTS AVERAGE TORQUE = 7940, TORQUE REST SAME, RUNNING SPEED = 1.5 MIN PER JOINT = 30' / MIN, FILL CASING EVERY 10 JOINTS,
2/14/2011	6:00 19:15	13.25	CASINT1	24		P	10,140.0	HELD SAFETY MEETING WITH CREW COMING ON TOUR AND TESCO,EL PASO REPS, (RUNNING of 7" CASING) CONTINUE TO RUN 7", 29#, HCP-110, LTC CASING AT 1.5 MIN / JT = 30' MIN, TORQUE: 7940 FT LBS, FILLING EVERY 10 JOINTS, FROM 2900' TO 4040' (SHOE), ESTABLISH BASELINE PRESSURE, = 320 PSI STRING WT = 100 K, UP Wt: 100K, DN WT: 100K STKS: 96, GPM: 283, AV: 240 FPM, CONTINUED TO RUN CASING TO 5800' - CIRCULATE AND CONDITION MUD, MIX LCM FOR PARTIAL LOSSES, THIN BACK THICK MUD IN ANNULUS, CONTINUED TO RUN CASING TO 9185' HOLE PULLED TIGHT, OVERPULL = 3OK, PRESURED UP TO 1000 PSI
	19:15 3:30	8.25	CASINT1	71		N	10,140.0	WORKED CASING STRING, CIRCULATE, WASH TILL PRESSURE CAME BACK TO 420 PSI - HAD TO WORK AND WASH EACH JOINT FROM 9185' / 10,013' - HOLE FREED UP FROM 10,013' / TD - TAGGED UP AT 10,138'
	3:30 4:00	0.50	CASINT1	15		P	10,140.0	WORK STRING WHILE CIRCULATING AND CONDITIONING MUD FOR CEMENTING OF 7" CASING STRING - NO LOSSES TO THE HOLE AFTER REACHING TD
	4:00 6:00	2.00	CASINT1	24		P	10,140.0	PULL AND LAY DOWN TAG UP JOINT OF CASING - PICK UP LANDING JONIT, MAKE UP SAME, LAND IN WELL HEAD
2/15/2011	6:00 6:15	0.25	CASINT1	41		P	10,140.0	HELD PREJOB SAFETY MEETING WITH PD CREW, SCHLUMBERGER CEMENTERS, ELPASO REPS,TESCO CASING CREW (LAYDOWN CDS CASING TOOLS, RIG UP CEMENTERS)
	6:15 7:45	1.50	CASINT1	24		P	10,140.0	FINISH LAYING DOWN TAG UPJOINT, REMOVE ROTATING HEAD RUBBER, PICKED UP LANDING JOINT, INSTALL CEMENTING HEAD, RIG DOWN CDS, RIG UP LONG BAILS AND 350 TON ELEVATORS, PLACE SAME AROUND 7" CASING - NOTE: RAN A TOTAL OF 212 JTS & 1 MAKER PUP (10,118') OF 7" 29# HCP-110 LTC - FROM GROUND LEVEL MEASUREMENT: TOPS OF MAKER PUP AT 5956', FLOAT COLLAR: 10,064' FLOAT SHOE: 10,111'
	7:45 8:15	0.50	CASINT1	15		P	10,140.0	CIRC AND CONDITION HOLE CLEAN,

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	8:15 13:00	4.75	CASINT1	25		P	10,140.0	HELD PREJOB SAFETY MEETING WITH SCHLUMBERGER CEMENTERS AND PD CREW, SHUT DOWN CIRCULATING ON 7" CASING, RIG UP LINES TO CEMENTING HEAD AND TEST WITH LOW: 100 PSI, HIGH: 5000 PSI TEST GOOD, PUMP 20 BBLS OF MUD PUSH II AT 10.5 PPG, FOLLOWED WITH LEAD CMT: 330 SX's (234 Bbls) OF 11.0 PPG, EXTENDED LEAD DESIGN; YIELD = 3.99 CUFT / SK, M/W: 25.7 GALS / SK, WITH 2# / BBL OF CEMNET, FOLLOWED WITH 214 SK's (88 Bbls) OF 12.5 PPG, 15:85 POZ / G TAIL DESIGN CMT, YIELD = 2.30 CUFT / SK, M/W: 12.5 GALS/ SK, 2# BBL OF CEMENT, DROPPED TOP PLUG ON THE FLY, START DISPLACEMENT, PUMP 364 BBLS OF RESERVE PIT WATER, BUMP PLUG AT 12:05 HRS, HELD 2533 PSI FOR 15 MINS, BLEED OFF, FLOATS DID NOT HOLD, PRESSURED BACK UP TO 2680 PSI HELD FOR 15 MINS, FLOATS DID NOT HOLD, PUMPED 5 BBLS VOLUME BACK INTO WELL SHUT IN WITH 200 PSI AT CMT HEAD, AT 13:00 HRS 2/14/11 - RIG DOWN SCHLUMBERGER CEMENTERS, END JOB, NOTE: UPON DISPALCEMENT, LANDED CSG STRING AFTER 70 BBLS AWAY, AFTER 85 BBLS, LOST ALL RETURNS TO SURFACE, LOWERED DISPLACEMENT RATE FFROM 6 BPM TO 3 BPM, AT 175 BBLS SLOWED RATE TO 1.1 BPM, INCREASED RATE TO 4 BPM AT 180 BBLS, AT 192 BBLS HAD REGAINED FULL RETURNS TO SURFACE, AFTER 327 BBLS AWAY, LOST ALL RETURNS ONCE AGAIN, REDUCED RATE TO 2.2 BPM WITH OUT RETURNS TILL BUMPING PLUG!
	13:00 17:00	4.00	CASINT1	26		P	10,140.0	HELD PRESSURE ON CASING, WAIT ON CEMENT, RIG DOWN LONG BAILS AND 350 TON ELEVATORS, CLEAN FLOOR, RIG UP BAILS AND 3.5 ELEVATORS PICK UP TOOLS, LOAD RACKS WITH BHA, AND DIRECTIONAL TOOLS AND 3.5 DRILLPIPE AND STRAP, OD & ID ALL, WHILE WAITING ON CEMENT SAMPLES TO SET UP,
	17:00 18:00	1.00	CASINT1	42		P	10,140.0	BLEED OFF PRESSURE FROM CASING SLOWLY, LAID DOWN LANDING JOINT AND CEMENT HEAD, FLUSH CLEAN TOP OF 7" HANGER ASSEMBLY,
	18:00 19:30	1.50	DRLPRD	19		P	10,140.0	HELD PRETOUR SAFETY MEETING, (INSTALLING PACK OFF) INSTALLED PACK OFF AND PRESSURE TEST SAME TO 5,000 PSI FOR 15 MIN, TESTED GOOD,
	19:30 21:15	1.75	DRLPRD	19		P	10,140.0	HELD PREJOB SAFETY MEETING, (CHANGING PIPE RAMS) CHANGE OUT UPPER AND LOWER 4.5" DRILL PIPE RAMS TO 3.5" DRILL PIPE RAMS,
	21:15 5:30	8.25	DRLPRD	19		P	10,140.0	HELD SAFETY MEETING WITH WAETHERFORD TESTERS AND PD CREW, AND EL PASO REP, (TESTING BOPE), START JOB, RIG UP TEST PLUG, TEST UPPER AND LOWER PIPE RAMS / STABBING VALAE / INSIDE KILL / CHOKE MANUAL / OUTSIDE KILL / FOSV / IBOP / CHECK VALVE / 1ST VALVE TO MANIFOLD TO 250 / 10,000 PSI,TEST GOOD,TEST SURFACE CIRCULATING EQUIPMENT TO 250 / 4,000 PSI, TEST GOOD, TEST STANDPIPE AND ANNULAR TO 250 / 4,000 PSI, TEST GOOD, NOTE: WHILE WAITING ON 7" CSG CEMENT TO SET UP PRESSURE TESTED 10K CHOKE MANIFOLD ALL VALVES AND CHOKES TO LOW: 250 PSI, HIGH: 10,000 PSI, ALL TEST TESTED, OK! , ALL TEST RAN AT 10 MINUTES EACH!
	5:30 6:00	0.50	DRLPRD	14		P	10,140.0	MAKE UP 6.125 PDC ULTERRA MT1355, BIT PICK UP DIRECTIONAL TOOLS,
2/16/2011	6:00 6:15	0.25	DRLPRD	41		P	10,140.0	HELD PRETOUR SAFETY MEETING, (PICK UP DIR TOOLS,
	6:15 8:30	2.25	DRLPRD	14		P	10,140.0	PICK UP DIRECTIONAL TOOLS, SCRIB, MAKE UP EM TOOLS, PICK UP BHA TRIP IN TO 978'

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	8:30	9:30	1.00	DRLPRD	42		P	10,140.0	CUT AND SLIP DRILLING LINE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM,
	9:30	15:45	6.25	DRLPRD	14		P	10,140.0	PICK UP 3.5" DRILL PIPE, FROM 928' TO 8977'
	15:45	16:45	1.00	DRLPRD	43		N	10,140.0	VISULY INSPECT TOP DRIVE AND DERRICK, REMOVE DAMAGED TURNBUKCLE FROM TORQUE TUBE REPLACE SAME,
	16:45	17:45	1.00	DRLPRD	14		P	10,140.0	PICK UP 3.5" DRILL PIPE FROM 8977' TO 9970' TAGGED UP AT 9970'
	17:45	18:00	0.25	DRLPRD	42		P	10,140.0	DRILL CEMENT STRINGERS FROM 9970' TO 9970',
	18:00	18:15	0.25	DRLPRD	42		P	10,140.0	HELD PRETOUR SAFETY MEETING, (DRILLING) DRILL CEMENT STRINGERS FROM 9970' TO 10070'
	18:15	19:00	0.75	DRLPRD	42		P	10,140.0	DRILL OUT HARD CEMENT FROM 10070' TO 10082' DRILL FLOAT CALLOR AT 10082', FLOAT SHOE AT 10128', DRILL 5' OF NEW HOLE,
	19:00	21:00	2.00	DRLPRD	15		P	10,140.0	CIRCULATE AND DISPLACE CASING VOLUME WITH MUD, VIS= 43, MWT 9.6,
	21:00	22:00	1.00	DRLPRD	33		P	10,140.0	HELD SAFETY MEETING WITH WEATHERFORD, PD CREW, ELPASO REPS, (PREFORM FIT) PREFORM FIT TEST APPLIED 3050 PSI AT SURFACE = EMW 15.3 = PRESSURE GRADIENT = O.8OO.
	22:00	1:45	3.75	DRLPRD	7		P	10,140.0	DRILLED 6.125 HOLE FROM 10140' TO 10182' = (42') IN 3.75 HRS = 11.2' / HR, WOB 15 K, RPM AT BIT=92, GPM = 176, SPP: 1595 PSI, TORQUE= 3470 FTLBS
	1:45	2:00	0.25	DRLPRD	41		P	10,182.0	HELD BOP DRILL, WELL SECURE IN 102 SEC, FUNCTION TEST ANNULAR 21 SEC C /O, GET RSPP,
	2:00	6:00	4.00	DRLPRD	7		P	10,182.0	DRILLED 6.125 HOLE FROM 10,182' TO 10,250' = (68') IN 4 HRS = 17' / HR, WOB 15 K, RPM AT BIT=92, GPM = 176, SPP: 1595 PSI, TORQUE= 3470 FTLBS, NOTE: RUNNING MINIMUM RPM's AND GPM's, TILL ALL TBR'S CLEAR 7" CASING SHOE AT 10,128' - WILL INCREASE RPM's AND GPM's WHEN THE TOP OF THE TBR ARE OUT OF CASING SHOE
2/17/2011	6:00	7:00	1.00	DRLPRD	8		P	10,250.0	DRILLED 6.125 HOLE FROM 10250' TO 10279' = (29') IN 1 HR = 29' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 2770 PSI, TORQUE= 6400 FTLBS,
	7:00	7:15	0.25	DRLPRD	41		P	10,279.0	HELD BOP DRILL AT 10279' = WELL AND MEN SECURE IN 96 SECONDS,
	7:15	11:15	4.00	DRLPRD	8		P	10,279.0	DRILLED 6.125 HOLE FROM 10279' TO 10374' = (95') IN 4 HR = 23.7' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 2770 PSI, TORQUE= 6400 FTLBS,
	11:15	11:30	0.25	DRLPRD	12		P	10,379.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM,
	11:30	2:00	14.50	DRLPRD	8		P	10,379.0	DRILLED 6.125 HOLE FROM 10379' TO 10755' = (376') IN 14.5 HR = 25.9' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 2770 PSI, TORQUE= 6400 FTLBS,HELD PRETOUR SAFETY MEETING 1800 HRS TO 1815 HRS
	2:00	2:15	0.25	DRLPRD	12		P	10,755.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION TEST LOWER PIPE RAMS 15 SECONDS TO CLOSE,
	2:15	6:00	3.75	DRLPRD	8		P	10,755.0	DRILLED 6.125 HOLE FROM 10755' TO 10851' = (96') IN 3.75 HR = 25.6' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 2770 PSI, TORQUE= 6400 FTLBS,
2/18/2011	6:00	12:45	6.75	DRLPRD	8		P	10,851.0	DRILLED 6.125 HOLE FROM 10851' TO 11041' = (190') IN 6.75 HR = 28.1' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3180 PSI, TORQUE= 6400 FTLBS,
	12:45	13:00	0.25	DRLPRD	12		P	11,041.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION ANNULAR 21 SECONDS TO CLOSE,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	13:00	23:15	10.25	DRLPRD	8		P	11,041.0	DRILLED 6.125 HOLE FROM 11041' TO 11326' = (285') IN 10.25 HR = 27.8' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3062 PSI, TORQUE= 6918 FTLBS, HELD PRETOUR AND HANDOVER SAFETY MEETING 18:00 HRS TO 18:15 HRS
	23:15	23:30	0.25	DRLPRD	12		P	11,326.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION HCR VALVE 10 SECONDS TO CLOSE,
	23:30	6:00	6.50	DRLPRD	8		P	11,325.0	DRILLED 6.125 HOLE FROM 11325' TO 11490' = (165') IN 6.5 HR = 25.3' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3180 PSI, TORQUE= 7200 FTLBS,
2/19/2011	6:00	11:15	5.25	DRLPRD	7		P	11,490.0	DRILLED 6.125 HOLE FROM 11490' TO 11612' = (122') IN 5.25 HRS = 23'/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3240 PSI, TORQUE= 7200 FTLBS,
	11:15	11:30	0.25	DRLPRD	12		P	11,612.0	RIG SERVICE
	11:30	1:15	13.75	DRLPRD	7		P	11,612.0	DRILLED 6.125 HOLE FROM 11612' TO 11897' = (285') IN 13.75' HRS =20.7 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3240 PSI, TORQUE= 7200 FTLBS,
	1:15	1:30	0.25	DRLPRD	12		P	11,897.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION ANNULAR 21 SECONDS TO CLOSE,
	1:30	6:00	4.50	DRLPRD	8		P	11,897.0	DRILLED 6.125 HOLE FROM 11897' TO 11994' = (97') IN 4' HRS =24.25 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3240 PSI, TORQUE= 7200 FTLBS,
2/20/2011	6:00	10:45	4.75	DRLPRD	7		P	11,994.0	DRILLED 6.125 HOLE FROM 11994' TO 12089= (95') IN 4.75' HRS =20'/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS
	10:45	11:00	0.25	DRLPRD	12		P	12,089.0	RIG SERVICE
	11:00	22:30	11.50	DRLSURF	7		P	12,098.0	DRILLED 6.125 HOLE FROM 12089' TO 12279'= (190') IN 11.5 HRS =16.5'/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS
	22:30	22:45	0.25	DRLPRD	12		P	12,279.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION HCR LOWER PIPE RAMS 10 SECONDS TO CLOSE,
	22:45	6:00	7.25	DRLPRD	7		P	12,279.0	DRILLED 6.125 HOLE FROM 12279' TO 12365'= (86') IN 7.25 HRS =12.2'/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS
2/21/2011	6:00	7:45	1.75	DRLPRD	15		P	12,365.0	CIRCULATE 2 BOTTOMS UP PRIOR TO TRIP FOR BIT. ROP SLOWED DOWN TO 6'/HR. OFF BOTTOM PRESSURE=3000. OFF BOTTOM TORK=6900 255GPM
	7:45	8:00	0.25	DRLPRD	41		P	12,365.0	FLOW CHECK, WELL FLOWING, PREPARE TO INCREASE WT.
	8:00	9:45	1.75	DRLPRD	15		P	12,365.0	CIRCULATE AND RAISE MUD WEIGHT FROM 11.3 HEAVY TO 11.5 PPG
	9:45	15:00	5.25	DRLPRD	13		P	12,365.0	PUMP PILL, PULL 10 STANDS, FLOW CHECK, WELL SECURE, CONTINUE TRIP OUT OF HOLE. FLOW CHECKS @ 11413', 6140', 900', @ SURFACE. FUNCTION BLIND RAMS, 4 SEC TO CLOSE
	15:00	16:30	1.50	DRLPRD	13		P	12,365.0	CHANGE BIT, MOTOR AND SCRIBE MWD,
	16:30	21:15	4.75	DRLPRD	13		P	12,365.0	TRIP IN HOLE FROM SURFACE TO SHOE 10128' FILL EVERY 2000', HELD PRETOUR SAFETY MEETING, 1800HR TO 1815 HRS,
	21:15	21:30	0.25	DRLPRD	41		P	12,365.0	HELD PREJOB SAFETY MEETING, (CUT AND SLIP DRILLINE)
	21:30	22:30	1.00	DRLPRD	17		P	12,365.0	SLIP AND CUT DRILLINE (9 WRAPS)
	22:30	23:45	1.25	DRLPRD	13		P	12,365.0	TRIP IN HOLE FROM 10128' TO 12095', PRECAUTIONARY WASH AND REAM FROM 12095' TO 12365', (3 STANDS)
	23:45	6:00	6.25	DRLPRD	7		P	12,365.0	DRILLED 6.125 HOLE FROM 12365' TO 12490'= (125') IN 6.25 HRS =20 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
2/22/2011	6:00	11:15	5.25	DRLPRD	7		P	12,490.0	DRILLED 6.125 HOLE FROM 12490' TO 12656'= (166') IN 5.25HRS =32 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS
	11:00	11:15	0.25	DRLPRD	12		P	12,656.0	RIG SERVICE
	11:30	3:30	16.00	DRLPRD	7		P	12,656.0	DRILLED 6.125 HOLE FROM 12656' TO 13132'= (476') IN 16 HRS =29.7 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3500 PSI, TORQUE= 8100 FTLBS, HELD PRETOUR SAFETY MEETING, FROM 1800 HRS TO 1815 HRS,
	3:30	3:45	0.25	DRLPRD	12		P	13,132.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION ANNULAR 21 SECONDS TO CLOSE,
	3:45	4:45	1.00	DRLPRD	8		P	13,132.0	DRILLED 6.125 HOLE FROM 13132' TO 13145'= TD (13') IN .75 HRS =17.3 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3500 PSI, TORQUE= 8100 FTLBS,
	4:45	6:00	1.25	DRLPRD	15		P	13,145.0	CIRCULATE AND CONDITION HOLE FOR WIPER TRIP,
2/23/2011	6:00	6:30	0.50	DRLPRD	15		P	13,145.0	CONTINUE CIRCULATE BOTTOMS UP
	6:30	9:00	2.50	DRLPRD	13		P	13,145.0	PUMP PILL, PULL 10 STANDS, FLOW CHECK WELL SECURE, CONTINUE SHORT TRIP TO SHOE, FLOW CHECK WELL SECURE. TRIP IN HOLE TO 12974' WELL IN GOOD SHAPE, NO TIGHT SPOTS. STRING WT 198K, MAX DRAG 20-30K
	9:00	9:15	0.25	DRLPRD	16		P	13,145.0	PRECAUTIONARY REAM FROM 12974' TO 13145' NO FILL, HOLE IN GOOD SHAPE
	9:15	11:15	2.00	DRLPRD	15		P	13,145.0	CIRCULATE 2 BOTTOMS UP
	11:15	16:15	5.00	DRLPRD	13		P	13,145.0	PUMP PILL, TRIP OUT OF HOLE, FOW CHECKS AT 12195', 6527' 900' SURFACE. HOLE IN GOOD SHAPE, NO TIGHT SPOTS
	16:15	17:00	0.75	DRLPRD	13		P	13,145.0	LAY OUT DIRECTIONAL TOOLS, WELL SECURE, FUNCTION BLIND RAMS, 4 SEC TO CLOSE
	17:00	18:00	1.00	DRLPRD	42		P	13,145.0	CLEAN FLOOR AND CATWALK, SPOT IN HALLIBURTON LOGGERS,
	18:00	18:15	0.25	DRLPRD	41		P	13,145.0	HELD PRETOUR SAFETY MEETING, HELD SAFETY MEETING WITH PD CREW, ELPASO REP, HALLIBURTON LOGGERS, (RIGGING UP AND RUNNING WIRE LINE LOGS)
	18:15	2:45	8.50	EVLPRD	22		P	13,145.0	RIG UP AND RUN WIRE LINE LOGS WITH HALLIBURTON RAN: SPECTRAL DENSITY, DUAL SPACED NEUTRON, ARRAY COMPENSATED TRUE RESISTIVITY, WAVE SONIC CROSS DIPOLE, LOGGERS WIRE LINE DEPTH OF HOLE 13,150', 7" CASING SHOE: 10,125" WL - RIG DOWN LOGGERS,
	2:45	6:00	3.25	DRLPRD	53		N	13,145.0	TROUBLE, WHILE PREPARING TO RIG DOWN LOGGERS, HALLIBURTON HAND DROPPED A 1" THREADHALF, SWEDGE DOWN TO A 3/8 INCH AIR CHUCK DOWN THE HOLE WEDGING BETWEEN CASING AND LOGGING TOOL, UNABLE TO MOVE TOOLS UP OR DOWN, WAIT ON FISHER MAN,
2/24/2011	6:00	11:30	5.50	DRLPRD	53		N	13,145.0	WAITING ON ORDERS TO RETRIEVE FISH ON TOP OF LOGGING TOOLS 50' BELOW BOPs
	11:30	13:30	2.00	DRLPRD	53		N	13,145.0	PRE JOB SAFETY MEETING ON HANGING WIRE LINE SHEAVE, HANG HALLIBURTON SHEAVE, SET TBAR AS PER SLAUGH FISHING HAND
	13:30	14:00	0.50	DRLPRD	53		N	13,145.0	WAIT ON ORDERS TO PERFORM FISHING JOB
	14:00	15:30	1.50	DRLPRD	53		N	13,145.0	HAVE PRE JOB SAFETY MEETING MAKING UP SLAUGH FISHING BHA, PICK UP MAKE UP FISHING BHA. PICK UP ONE STAND 4 3/4" DRILL COLLARS AND RIH TO TOP OF WIRE LINE TOOL AT 43'. SET COLLARS ON WIRE LINE TOOL, CLOSE BUMPER SUB (2' STROKE). WHEN BUMPER SUB CLOSED THE WIRE LINE TOOL RELEASED FROM FISH. APPROXIMATELY 6 TO 8K WEIGHT TO RELEASE WEADGED WIRE LINE TOOL.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	15:30	18:00	2.50	DRLPRD	53		N	13,145.0	RACK BACK DRILL COLLARS PICK UP 75' OF SUCKER ROD WITH MAGNET, TRY TO CATCH FISH. INITIALLY WE COULD NOT RETRIEVE THE FISH WITH THE MAGNET SO WE ENDED UP WORKING THE TOOL WITH WIRE LINE TRUCK AT 4K UP AND TOOL WEIGHT DOWN (2100LBS) SEVERAL TIMES AND INCHED THE TOOL UP AND INSIDE THE BOPs. WHEN WE HAD THE 4.5"OD PART OF THE TOOL INSIDE THE BOPs WE USED WITH THE MAGNET AND SUCKER RODS. AFTER ABOUT 4 ATTEMPTS OF FEELING THE FISH WITH MAGNET WE FINALLY SAW THE FISH ON THE END OF MAGNET AND CAREFULLY PULLED IT TO SURFACE.
	18:00	20:00	2.00	DRLPRD	53		N	13,145.0	HELD SAFETY MEETING WITH HALLIBURTON, PD CREW, SLAUGH FISHING, (LAYING DOWN TOOLS) LAY DOWN LOGGING TOOLS, RIG DOWN LOGGERS, RIG DOWN SLAUGH FISHING TOOLS, CLEAN AND PREP FLOOR TO RUN LINER, (END FISHING JOB AT 20:00 HRS ON 02/23/2011)
	20:00	20:15	0.25	CASPRD1	41		P	13,145.0	HELD SAFETY MEETING WITH PD CREW, ELPASO REP, WEATHERFORD, HALLIBURTON, (RIGGING UP AND RUNNING LINER)
	20:15	6:00	9.75	CASPRD1	24		P	13,145.0	START JOB, MAKE UP AND BAKER LOCK FLOAT SHOE, FLOAT COLLAR, LAND COLLAR, WITH 3 JOINT SHOE TRACK, INSTALL TURBARLIZER IN CENTER OF THE FIRST 3 JOINTS, SHOE TRACK LENGTH = 128' VOLUME = 1.9 BBLS, RAN 49 JOINTS OF CASING = 2028.62', INSTALLED MARKER JOINT = 20.73, MARKER JOINT SETTING DEPTH WILL BE AT 10985' RAN 25 JOINTS CASING = 1031' WITH FLOATING TURBARLIZER EVERY OTHER JOINT, INSTALL HANGER ASSYMBLY = 34.9', TOTAL LENGTH = 3221.9, PICK UP 1 STAND OF DRILLPIPE, INSTALL ROTATING HEAD, CIRCULATE 1 CASING VOLUME, CONTINUE TO RUN CASING LINER IN HOLE, DEPTH AT REPORT TIME = 8307'
2/25/2011	6:00	7:45	1.75	CASPRD1	24		P	13,145.0	CONTINUE TO RIH HOLE WITH 4.5" PRODUCTION LINER F/ 8300' TO 10165'
	7:45	9:00	1.25	CASPRD1	15		P	13,145.0	CIRCULATE BOTTOMS UP AT SHOE, ESTABLISH BASE LINE. 865 PSI 178K UP AND 170K DOWN CIRCULATING AT 62SPM (150GPM)
	9:00	11:30	2.50	CASPRD1	24		P	13,145.0	CONTINUE TO RIH HOLE WITH 4.5" PRODUCTION LINER F/ 10165' TO 12500'
	11:30	13:00	1.50	CASPRD1	16		P	13,145.0	PRECAUTIONARY WASH AND REAM LAST 3 STANDS TO BOTTOM. (13,145') CIRCULATE AT RATE OF 62 SPM, 150GPM, PRESSURE WAS 1800-2000 PSI WHILE WORKING STRING. 220K UP, 140K DOWN. NOTE: RAN A TOTAL OF 77 JTS AND 1 MARKER PUP JT OF 4 1/2" 13.5# P-110, LTC WITH TURBOLIZERS ON EVERY OTHER JOINT. MARKER JT SET @ 10982' LANDING COLLAR: 13012', SHOE: 13,140'
	13:00	17:00	4.00	CASPRD1	15		P	13,145.0	CIRCULATE TWO BOTTOMS UP PRESSURE REDUCED TO 1400PSI WITH SAME GPM. AFTER SECOND BOTTOMS UP PRESSURE SETTLED TO 1250PSI WITH 190K UP AND 170K DOWN. HAVE PRE JOB SAFETY MEETING WITH SCHLUMBERGER CEMENTERS AND HALLIBURTON LINER HANGER HANDS.
	17:00	17:30	0.50	CASPRD1	25		P	13,145.0	RIG UP CEMENT / LINER HANGER HEAD AND PUMP 5 BBLS WATER AND PRESSURE TEST LINES TO 8500PSI

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	17:30	19:15	1.75	CASPRD1	25		P	13,145.0	PUMPED 30 BBLS 13 PPG MUD PUSH. MIXED AND PUMPED 292 SACKS OR 80 BBLS OF SLURRY WELL BOND CEMENT: YIELD: 1.53 CUFT / SK, M/W: 6.824 GALS / SK, DENSITY: 14.10 PPG - WASH OUT LINES TO PITS - DROPPED DART (18:15HRS) DISPALCED SAME WITH 10 BBLS OF RETARER WATER FOLLOWED BY 36.5 BBLS OF FRESH WATER, THEN 10 BBLS MUD PUSH 13 PPG, PUMPED 73 BBLS OF CLEAN MUD 11.5 PPG, BUMPED PLUG WITH 3500 PSI, AT 19:00 HRS 02/24/2011, HELD PRESSURE ON FLOATS FOR 15 MINUTES, OK HAD 1 BARREL BACK, FLOATS HELD! NOTE: HAD GOOD RETURNS THRU OUT MIXING AND DISPALCING OF CEMENT -
	19:15	19:45	0.50	CASPRD1	24		P	13,145.0	DROPPED LINER HANGER PACKER SETTING BALL AND PUMP DOWN. PRESSURED UP AND RUPTURE DISC AT 5150 PSI. CONTINUE TO PUMP ON BALL, SEAT BALL, PRESSURE UP TO 5300 PSI.
	19:45	20:00	0.25	CASPRD1	24		P	13,145.0	RELEASE FROM LINER AS PER HALLIBURTON TECH. PULLED 280K (100K OVER STRING WT) COME BACK DOWN TO 60K HOOK LOAD. PULLED BACK UP TO 240K, TOOL DID NOT RELEASE. SECOND ATTEMPT PULL UP TO 250K SET DOWN TO 45K PUT STRING IN SLIPS AND TURNED 1/4 TURN TO THE RIGHT. PULL UP TO 25' STRING WT OF 160K. LINER WAS RELEASED OK. LINER SET AT 13,140' MEASURED DEPTH FROM RKB
	20:00	21:30	1.50	CASPRD1	15		P	13,145.0	CIRCULATE 2 BOTTOMS UP WITH DRILLING MUD. SEEN 40 BBLS OF MUD PUSH II, AND DID NOT SEE ANY CEMENT BACK TO SURAFCE!
	21:30	21:45	0.25	CASPRD1	24		P	13,145.0	CLOSED LOWER DRILL PIPE RAMS - SCHLUMBERGER PREFORMED A POSITIVE PRESSURE TEST ON THE 4 1/2" LINER HANGER WITH 1500 PSI FOR 10 MINUTES, TEST WAS GOOD,
	21:45	22:45	1.00	CASPRD1	15		P	13,145.0	ROLL MUD OVER TO FRESH WATER AT TOP OF LINER HANGER AT 10,226' GL
	22:45	23:00	0.25	CASPRD1	24		P	13,145.0	PULL ROTATING HEAD AND PREFORMED A NEGATIVE PRESSURE TEST, 10 MINUTES, NO FLOW TEST GOOD,
	23:00	23:45	0.75	CASPRD1	24		P	13,145.0	HELD SAFETY MEETING, RIG DOWN SCHLUMBERGER AND HALLIBURTON, TOOLS,
	23:45	6:00	6.25	DRLPRD	42		P	13,145.0	LAY DOWN DRILLPIPE,
2/26/2011	6:00	6:45	0.75	CASPRD1	13		P	13,145.0	LAY DOWN 300' OF 3 1/2" DRILL PIPE
	6:45	8:15	1.50	CASPRD1	13		P	13,145.0	TRIP IN HOLE WITH PIPE AND DRILL COLLARS LEFT IN DERRICK TO 3100'
	8:15	12:00	3.75	CASPRD1	13		P	13,145.0	LAY DOWN 3 1/2" DRILL PIPE AND DRILL 4 3/4" DRILL COLLARS
	12:00	12:15	0.25	CASPRD1	42		P	13,145.0	LAY DOWN ALL 3 1/2" FLOOR EQUIPMENT
	12:15	13:45	1.50	CASPRD1	37		P	13,145.0	HAVE PRE JOB SAFETY MEETING WITH BAKER WIRE LINE. RIG UP WIRE LINE, MAKE UP BAKER BRIDGE PLUG, FEB 25TH @ 13:00 HRS BAKER BRIDGE PLUG WAS SET AT 1990' MEASURED FROM GROUND LEVEL! RIG OUT WIRE LINE TRUCK
	13:45	14:30	0.75	CASPRD1	19		P	13,145.0	PRESSURE TEST BRIDGE TO 2000 PSI FOR 10 MIN. O.K.
	14:30	15:00	0.50	CASPRD1			P	13,145.0	FLUSH OUT ALL SURFACE EQUIPMENT WITH WATER AND BLOW OUT WITH AIR
	15:00	15:45	0.75	CASPRD1	17		P	13,145.0	PICK UP JOINT DRILL PIPE, SLIP 9 WRAPS OF DRILL LINE
	15:45	20:00	4.25	CASPRD1	23		P	13,145.0	PRE JOB SAFETY MEETING ON CHANGING OUT PIPE RAMS. CHANGE OUT 3 1/2" PIPE RAMS TO 4 1/2"
	20:00	0:00	4.00	RDMO	2		P	13,145.0	NIPPLE DOWN BOP,FLOWLINE, ROTATING HEAD, HCR VALVE AND LINES, SCAFFOLDING, KILL LINE AND VALVES, BREAK NUTS LOSOSE WITH WEATHERFORD,
	0:00	1:00	1.00	RDMO	2		P	13,145.0	HELD SAFETY MEETING (LAYING DOWN BOPE) LAY OUT HYDRIL AND DOUBLE GATE ASSEMBLY

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD From (usft)	Operation
	1:00 3:30	2.50	RDMO	2		P	13,145.0	LAY OUT B SECTION AND PICK UP WELL HEAD AND NIGHT CAP, TORQUE BOLTS WITH WEATHERFORD, PULL OLD PACK OFF AND INSTALL NEW PACK OFF,
	3:30 5:00	1.50	RDMO	2		P	13,145.0	REMOVE FLOWLINE OUT FROM UNDER SUB, AND RIG DOWN GAS BUSTER LINES,
	5:00 6:00	1.00	RDMO	2		P	13,145.0	HELD SAFETY MEETING (RIGGING DOWN) RIG DOWN TOP DRIVE, RIG FLOOR, CLEAN MUD TANKS,
2/27/2011	6:00 11:15	5.25	RDMO	2		P	13,145.0	PRE JOB SAFETY MEETING, RIG DOWN TOP DRIVE
	11:15 18:00	6.75	RDMO	2		P	13,145.0	RIG OUT FLOOR, PREPARE DERRICK FOR LOWERING, TIE UP KELLY HOSE,BRIDAL UP, RIG OUT CATWALK, PREFABS, REMOVE TUGGERS, CHAIN DOWN DRAWWORKS. WEST ROC TRUCKING HAD ONE FORK LIFT AT EACH END, 2 BED TRUCKS, 1 HAUL TRUCK. HAULED ALL TUBULARS, PIPE RACKS, TESCO UNIT, FLARE PIT, MISC JUNK BASKETS AND BOP EQUIPMENT.
	18:00 6:00	12.00	RDMO	2		P	13,145.0	HELD PRE TOUR SAFETY MEETING (RIGGING DOWN) CONTINUE TO RIG DOWN, LOWER DERRICK RIG DOWN POWER / WATER / STEAM LINES/, PREPAIR REST OF RIG FOR MOVE, RIG RELEASED @ 06:00 HRS FEB 27TH 2011

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
FEE

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
SPRATT 3-26B5

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, LP

9. API NUMBER:
43013503020000

3. ADDRESS OF OPERATOR:
1001 Louisiana St. , Houston, TX, 77002

PHONE NUMBER:
713 420-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1333 FSL 1230 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESE Section: 26 Township: 02.0S Range: 05.0W 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 6/21/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
As per Notice of Reporting Problems.

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

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 420-5038	Sr. Regulatory Analyst
SIGNATURE		**DATE**
N/A		6/21/2011

RECEIVED Jun. 21, 2011

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	SPRATT 3-26B5		
Project	ALTAMONT FIELD	**Site**	SPRATT 3-26B5
Rig Name/No.	PROPETRO/5, PETE MARTIN/1, PRECISION DRILLING/404	**Event**	DRILLING LAND
Start Date	6/27/2010	**End Date**	2/27/2011
Spud Date	6/29/2010	**UWI**	SPRATT 3-26B5
Active Datum	KB @6,158.0ft (above Mean Sea Level)		
Afe No./Description	144437/39052 / SPRATT 3-26B5		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
6/28/2010	6:00	6:00	24.00	MIRU	1		P	0.0	WORK ON BUILDING ROAD & LOCATION
6/29/2010	6:00	6:00	24.00	MIRU	1		P	0.0	PETE MARTIN MIRU DRILLED & SET 20" CONDUCTOR
8/4/2010	10:00	18:00	8.00	MIRU	1		P	80.0	MOVE PRO-PETRO ON TO LOC. SPOT EQUIP.
	18:00	18:30	0.50	MIRU	41		P	80.0	SAFETY MEETING
	18:30	20:30	2.00	MIRU	1		P	80.0	RIG UP.
	20:30	2:00	5.50	DPDCOND	7		P	290.0	SPUD W/ 17 1/2" AIR HAMMER. DRILL AHEAD TO 290 FT
	2:00	2:30	0.50	DPDCOND	7		P	290.0	SURVEY @ 290 FT. 1 DEGREE.
	2:30	6:00	3.50	DPDCOND	7		P	440.0	DRILL AHEAD TO 440 FT.
8/5/2010	6:00	7:30	1.50	DPDCOND	7		P	470.0	DRILL F/ 440'-470'
	7:30	8:00	0.50	DPDCOND	7		P	470.0	SURVEY @ 440' 1 1/2 DEGREE
	8:00	9:40	1.67	DPDCOND	7		P	530.0	DRILL F/ 470'-530'
	9:40	10:00	0.33	DPDCOND	66		P	530.0	STOP DUE TO THUNDER STROM
	10:00	12:15	2.25	DPDCOND	7		P	620.0	DRILL F/ 530'-620'
	12:15	12:45	0.50	DPDCOND	7		P	620.0	SURVEY @ 570' 1 DEGREE
	12:45	18:00	5.25	DPDCOND	7		P	800.0	DRILL F/ 620'-800'
	18:00	18:30	0.50	DPDCOND	41		P	800.0	SAFETY MEETING
	18:30	18:45	0.25	DPDCOND	7		P	800.0	SURVEY @ 770' 1 DEGREE
	18:45	23:45	5.00	DPDCOND	7		P	920.0	DILL F/ 800'-920'
	23:45	0:15	0.50	DPDCOND	7		P	920.0	SURVEY @ 890' 1/2 DEGREE
	0:15	5:15	5.00	DPDCOND	7		P	1,040.0	DRILL F/ 920'-1040'
	5:15	5:45	0.50	DPDCOND	15		P	1,040.0	CIRC CLEAN WELL
	5:45	6:00	0.25	DPDCOND	7		P	1,040.0	SURVEY @ 1010' 7/8 DEGREE
8/6/2010	6:00	8:30	2.50	DPDCOND	7		P	1,040.0	POOH, LAY OUT TOOLS
	8:30	11:30	3.00	DPDCOND	7		P	1,040.0	RUN 23 JTS OF 13 3/8" 54.5 LB J-55 ST&C CSG LANDED @ 1008 FT GROUND LEVEL.
	11:30	12:30	1.00	DPDCOND	41		P	1,040.0	RIG IN CEMENTERS, SAFETY MEETING.
	12:30	14:15	1.75	DPDCOND	7		P	1,040.0	FILL CSG W/ WATER BREAK CIRC. PUMP 20 BBLS GEL WATER, START MIXING 1200 SKS OF 15.8 LB CEMENT W/ 2 % CACL2 +0.25 % FLOCELE, 1.15 SLURRY YEILD, 5 GALS PER SK. (245.7 BBLS SLURRY), DISPLACE W/ 147.5 BBLS WATER. BUMP PLUG 500 PSI OVER CIRC 1000 PSI. FLOATS HELD. 60 BBLS OF GOOD CEMENT RETURNS. NO FALL BACK.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	14:15	15:00	0.75	DPDCOND	7		P	1,040.0	RIG OUT CEMENTERS.
	15:00	15:30	0.50	DPDCOND	7		P	1,040.0	PRO-PETRO & CEMENTERS OFF LOC.
1/16/2011	6:00	8:00	2.00	MIRU	1		P		WAITING ON DAYLIGHT TO START RIG MOVE
	8:00	8:15	0.25	MIRU	41		P		HELD SAFETY MEETING WITH RIG, TRUCKING CREWS, EL PASO SAFETY MAN, MOUTIAN WEST CREW ON RIG MOVE
	8:15	18:00	9.75	MIRU	1		P		RIG DOWN OFFICES, CAMP AND AUXILLARY RIG EQUIPMENT TO NEXT LOCATION - MOVED A TOTAL OF 13 LOADS - 23% MOVED AND 13 % RIGGED UP
	18:00	6:00	12.00	MIRU	67		P		WAITING ON DAYLIGHT BEFORE PROCEEDING ON RIG MOVE - WILL START BACK UP AT 07:00 HRS 01/17/11
1/17/2011	6:00	7:00	1.00	MIRU	1		P		WAITING ON DAYLIGHT TO CONTINUE RIG MOVE FROM THE BROTHERSON 2-26B4 TO THE SPRATT 3-26B5
	7:00	7:15	0.25	MIRU	1		P		HELD SAFETY MEETING WITH RIG, TRUCKING CREWS, EL PASO SAFETY MAN, MOUTIAN WEST CREW ,CRANE CREW ON RIG MOVE
	7:15	18:00	10.75	MIRU	1		P		CONTINUE TO MOVE THE RIG OFF THE BROTHERSON 2-26B4, HAULED XX LOADS (80%) OF THE RIG TO THE SPRATT 3-26B5, RIG UP SAME, SPOT MATTING,SUB, DRAWORKS, MUD TANKS, PUMP HOUSES,
	18:00	6:00	12.00	MIRU	1		P		WAITING ON DAYLIGHT BEFORE PROCEEDING ON RIG MOVE - WILL START BACK UP AT 07:00 HRS 01/18/11
1/18/2011	6:00	7:00	1.00	MIRU	1		P		WAITING ON DAYLIGHT TO CONTINUE RIG MOVE FROM THE BROTHERSON 2-26B4 TO THE SPRATT 3-26B5
	7:00	19:00	12.00	MIRU	1		P		FINISH SPOTTING RIG IN, RIG UP AND RAISE DERRICK, RELEASED CRANE AT 13:30 HRS ON 01/17/2011, RELEASED TRUCKS AT 11:30 HRS ON 01/17/2011, BREAK TOUR AT 22:00 HRS ON 01/17/201, 100% MOVED
	19:00	22:00	3.00	MIRU	1		P		CREW HOURED OUT FOR THE DAY, WILL RESUME OPERATIONS ON RIGGING UP AT 22:00 HRS 01/17/11 WITH EVENING CREW
	22:00	22:15	0.25	MIRU	1		P		HELD PRE TOUR SAFETY MEETING, (RIGGING UP RIG),
	22:15	6:00	7.75	MIRU	1		P		CONTINUED TO RIG UP RIG FLOOR, AIR, WATER, STEAM LINES, WIND WALLS
1/19/2011	6:00	6:15	0.25	MIRU	41		P	1,040.0	HELD PREJOB AND HANDOVER MEETING, (RIGGING UP)
	6:15	8:30	2.25	MIRU	1		P	1,040.0	PICK UP TOP DRIVE,RIG UP POWER CABLES, AIR & FUEL LINES, INSTALL TORQUE BUSHING,
	8:30	15:00	6.50	MIRU	47		N	1,040.0	REPAIR TOP DRIVE. RIG UP MUD TANKS, BOS TANK, RIG WHILE TESCO HAND REPAIRS SHEERED OFF BOLTS ON TOP DRIVE,
	15:00	18:00	3.00	MIRU	1		P	1,040.0	FINISH RIGGING UP AND PICKING UP TOP DRIVE,
	18:00	19:15	1.25	MIRU	41		P	1,040.0	HELD SAFETY STAND DOWN MEETING AND SPUD MEETING WITH ELPASO REPS & CREWS,& PD SAFETY AND FIELD REP,
	19:15	20:30	1.25	MIRU	1		P	1,040.0	RIG UP AUX LINES AND TORQUE SWIVEL,AND PUMP UP COMPENSATORS, EXT,
	20:30	23:45	3.25	MIRU	1		P	1,040.0	CUT OFF CONDUCTOR AND 13.375 CASING & WELD ON CASING BOWL AND TEST TO 800 PSI F/ 15 MINUTES,
	23:45	3:00	3.25	MIRU	1		P	1,040.0	INSTALL LOAD PATH AND CLAMPS, WIRE EXTEND ALARM, STABBING GUIDE AND BAILS AND LINK. TILT CHAINS INSTALL KELLY HOSE,, CHANGE OUT VALVES ON FEED AND RETURN LINES TO BUSTER, FIX AND REPAIR CHECK VALVE ON FLARE LINE,
	3:00	6:00	3.00	MIRU	1		P	1,040.0	NIPPLE UP BOPE, (REVIEW JSA ON NIPPLE UP)
1/20/2011	6:00	6:15	0.25	MIRU	41		P	1,040.0	HELD PRE-TOUR AND HAND OVER SAFETY MEETING,(NIPPLE UP)

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:15	13:00	6.75	MIRU	1		P	1,040.0	RIG UP FLOWLINE, CHOKE LINES, CHANGE FLARE LINE CHECK VALVE, RESPOT CHOKE MANIFOLD AND TORQUE UP BOLTS WITH WEATHERFORD, LAYOUT DIVERTER SLINGS, INSTALLED MOUSEHOLE, AND DIVERTER LINES, CHARGED UP ACCUMLATOR, UNLOAD MUD TRUCKS, RIGGED UP FLOW LINE TO MANIFOLD, RIGGED UP PASON SIDE KICK CHOKE STAND.
	13:00	16:30	3.50	MIRU	41		P	1,040.0	CONTINUE TO NIPPLED UP 13 5/8" 3M DIVERTER AND 13 5/8" 3M ROTATING HEAD, NIPPLE UP CHOKE MANIFOLD, TESTED ALL VALVES AND CHOKE LINE ON THE 10M CHOKE MANIFOLD AT 250 LOW / 5,000 PSI HIGH FOR 10 MINUTES EACH, TESTED BOTH MANUAL AND AUTO CHOKES TO 5000 PSI, CHOKES LEAKED OFF 200 PSI IN 10 MINUTES EACH! (ALL TEST WHERE GOOD)
	16:30	18:00	1.50	DRLSURF	14		P	1,040.0	LOAD BHA ON PIPE RACKS,STRAP AND TALLY BHA AND DRILL PIPE, PICKED UP ALL HANDLING EQUIPMENT TO RIG FLOOR
	18:00	18:15	0.25	DRLSURF	41		P	1,040.0	HELD PRE-TOUR AND HANDOVER SAFETY MEETING, (ON TESTING DIVERTER, AND PICKING UP BHA)
	18:15	20:30	2.25	DRLSURF	30		P	1,040.0	SET TEST PLUG IN WELL HEAD - START TESTING ON DIVERTER SYSTEM, STARTED JOB TESTING ANNULAR, KILL VALVE AND THE MANUAL CHOKE VALVE AND THE HYDRAULIC IBOP ON TDU TO 250 PSI LOW AND 1000 PSI HIGH, (ALL TEST WHERE GOOD) - PULLED TEST PLUG OUT OF WELL HEAD
	20:30	21:00	0.50	DRLSURF	30		N	1,040.0	REPAIRED HYDRALIC LEAK ON HYDRILL.
	21:00	21:15	0.25	DRLSURF	41		P	1,040.0	HELD SAFETY MEETING WITH PD CREW AND TOTAL DIRECTIONAL HANDS, (ON PICKING UP DIRECTIONAL TOOLS)
	21:15	23:00	1.75	DRLSURF	42		P	1,040.0	PICK UP AND MAKE UP BIT #1 12.25 PDC, 9.5/8 HUNTING MUD MOTOR: 5/6 LOBE, 5.0 STAGE, SCRIBED AND INSTALL GAP SUB, MWD TOOLS, DIRECTIONAL TOOLS,
	23:00	1:15	2.25	DRLSURF	42		P	1,040.0	PICK UP 2X 8" DRILL COLLARS, 2.TBR'S,JARS, 15 X 6.5" DRILL COLLARS, 6.HWDP, DRILL PIPE, TRIP IN HOLE, DO PULSE TEST ON MWD TOOL.
	1:15	1:30	0.25	DRLSURF	42		P	1,040.0	CIRCULATED TWO HOLE VOLUMES TO REMOVE POSSIBLE AIR IN THE HOLE AND DRILL STRING
	1:30	2:00	0.50	DRLSURF	31		P	1,040.0	TEST 13 3/8" CASING TO 500 PSI FOR 30 MINUTES, TESTED OK!
	2:00	4:45	2.75	DRLSURF	30			1,040.0	CONTINUED TO TEST 4 1/2" FOSV, IBOP, TESTED HCR, TOP DRIVE MANUAL AND HYDRAULIC IBOP, STAND PIPE, KELLY HOSE, KILL LINE, ALL TEST RAN AT 250 PSI LOW, 500 PSI HIGH FOR 10 MINUTES, ALL TEST RAN WERE GOOD! RIG DOWN TESTERS
	4:45	5:30	0.75	DRLSURF	17			1,040.0	SLIP AND CUT 54 FT OF DRILLING LINE
	5:30	6:00	0.50	DRLSURF	14			1,040.0	RUN IN HOLE TAGGED UPON CEMENT AT 965'
1/21/2011	6:00	6:15	0.25	DRLSURF	41		P	1,040.0	HELD PRETOUR AND HAND OVER SAFETY MEETING (STAYING ALERT)
	6:15	7:00	0.75	DRLSURF	47		N	1,040.0	FILL PIPE, CHECK AND FIX ALL LEAKS ON FLOW LINE AND GAS BUSTER, CHANGE OUT 8" BUTTERFLY VALVES,
	7:00	18:00	11.00	DRLSURF	43		N	1,040.0	TROUBLE SHOOT TOP DRIVE WORK ON DRILL MODE, (WILL NOT ROTATE)
	18:00	18:15	0.25	DRLSURF	41		N	1,040.0	HELD PRETOUR AND HAND OVER SAFETY, (MAKING REPAIRS TO TDU DRILL MODE) TDU HAS PROPER FUNCTION IN THE DRILL MODE!

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	18:15	5:00	10.75	DRLSURF	71		N	1,040.0	FINDINGS ON TWO 4 1/2" 16.60# DRILL PIPE JOINTS SENT IN OF INSPECTION OF RADIAL STRESS CRACKS - IT WAS DECIDED BY MANAGMENT TO SUSPEND OPERATION TILL REPLACEMENT OF 4 1/2" DRILL PIPE COULD BE MADE FROM ANOTHER RIG (PD #406) CALLED FOR TRUCK TO PICK UP SAME AND HAUL TO US HERE - TRUCK ARRIVED AT OUR LOCATION AT 0500 HRS 01/21/11 - SPOTTED SAME ON LOCATION - PICKED UP AND MEASURED 5 JOINTS OF 4 1/2" 16.60# DRILL PIPE, TRIP IN TAG CEMENT @ 951'
	5:00	6:00	1.00	DRLSURF	42		P	1,040.0	DRILL OUT SHOE TRACK F/ 951' TO 1030'
1/22/2011	6:00	6:30	0.50	DRLSURF	16		P	1,025.0	TAG CEMENT AT 981'
	6:30	6:45	0.25	DRLSURF	41		P	1,025.0	BOP DRILL
	6:45	7:00	0.25	DRLSURF	16		P	1,025.0	DRILL OUT CEMENT FROM 981' TO 1025' AND 5' OF NEW HOLE TO 1030'
	7:00	7:15	0.25	DRLSURF	15		P	1,030.0	CIRCULATE HOLE CLEAN FOR FIT TEST
	7:15	7:45	0.50	DRLSURF	33		P	1,030.0	HAVE PRE JOB SAFETY MEETING WITH WEATHERFORD, PREFORMED FIT TEST - TEST FLUID WEIGHT 8.4 PPG, 1030' TVD, SURFACE PRESSURE 380 PSI = E MUD WT OF 15.4 PPG OR PRESSURE GRADIENT OF .800
	7:45	14:15	6.50	DRLSURF	7		P	1,030.0	DRILLED 12 1/4" HOLE FROM 1030' TO 1575' = (545') IN 6.5 HRS = 84' / HR WOB 15, RPM AT BIT=165' GPM: 750, SPP:2200 PSI, TORQUE= 9000 FT LBS, ROTARY= 60 RPM
	14:15	14:30	0.25	DRLSURF	12		P	1,575.0	RIG SERVICE
	14:30	19:30	5.00	DRLSURF	7		P	1,575.0	DRILLED 12 1/4" HOLE FROM 1575' TO 1948 = (372') IN 6 HRS = 62' / HR WOB 15, RPM AT BIT=165' GPM: 750, SPP:2200 PSI, TORQUE= 9000 FT LBS, ROTARY= 60 RPM
	19:30	19:45	0.25	DRLSURF	12		P	1,948.0	RIG SERVICE, FUNCTION TEST CROWNSAVER, EXTEND ALARM, CHECK BRAKES, DEADMAN BOLTS, TONGS AND LINES,
	19:45	20:00	0.25	DRLSURF	41		P	1,948.0	BOP DRILL, WELL AND MEN SECURE IN 96 SEC
	20:00	6:00	10.00	DRLSURF	7		P	1,948.0	DRILLED 12 1/4" HOLE FROM 1948' TO 2660 = (712') IN 10 HRS = 71.2' / HR WOB 15, RPM AT BIT=167' GPM: 770, SPP:2200 PSI, TORQUE= 9000 FT LBS, ROTARY= 60 RPM
1/23/2011	6:00	13:30	7.50	DRLSURF	7		P	2,660.0	DRILLED 12 1/4" HOLE FROM 2660' TO 3149' = (489') IN 7.5HRS = 65' / HR WOB 22, RPM AT BIT=167' GPM: 770, SPP:2200 PSI, TORQUE= 9000 FT LBS, ROTARY= 60 RPM
	13:30	13:45	0.25	DRLSURF	12		P	3,149.0	RIG SERVICE
	13:45	18:00	4.25	DRLSURF	7		P	3,149.0	DRILLED 12 1/4" HOLE FROM 3149' TO 3265' = (116') IN 4.25HRS = 28' / HR WOB 22, RPM AT BIT=167' GPM: 770, SPP:2670 PSI, TORQUE= 9800 FT LBS, ROTARY= 60 RPM
	18:00	18:15	0.25	DRLSURF	45		N	3,265.0	REPAIR #2 PUMP, LOCK OUT AND TAG OUT, CHANGE VALVE & SEAT,
	18:15	22:30	4.25	DRLSURF	7		P	3,265.0	DRILLED 12 1/4" HOLE FROM 3265' TO 3336' = (71') IN 4.25HRS = 16.7' / HR WOB 22/ 25 K, RPM AT BIT=167' GPM: 770, SPP:2670 PSI, TORQUE= 9800 FT LBS, ROTARY= 60 RPM
	22:30	22:45	0.25	DRLSURF	12		P	3,366.0	RIG SERVICE, FUNCTION TEST CROWNSAVER, EXTEND ALARM, CHECK BRAKES, DEADMAN BOLTS, TONGS AND LINES,
	22:45	6:00	7.25	DRLSURF	7		P	3,336.0	DRILLED 12 1/4" HOLE FROM 3336' TO 3435' = (99') IN 7.25 HRS = 13.3' / HR WOB 22/ 28 K, RPM AT BIT=167' GPM: 770, SPP:2740 PSI, TORQUE= 9800 FT LBS, ROTARY= 60 RPM
1/24/2011	6:00	7:45	1.75	DRLSURF	7		P	3,456.0	DRILLED 12 1/4" HOLE FROM 3435' TO 3456' = (21') IN 1.75 HRS = 12' / HR WOB 28 K, RPM AT BIT=167' GPM: 770, SPP:2740 PSI, TORQUE= 9800 FT LBS, ROTARY= 60 RPM
	7:45	8:15	0.50	DRLSURF	15		P	3,456.0	PUMP HIGH VIS SWEEP, CIRCULATE HOLE CLEAN
	8:15	10:00	1.75	DRLSURF	13		P	3,456.0	TRIP OUT OF HOLE F/ 3456' TO 640' FLOW CHECKS @ 3453', 1728', 923',SURFACE
	10:00	12:00	2.00	DRLSURF	13		P	3,456.0	PRE JOB SAFETY MEETING ON BHA, RACK BACK BHA

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:00	12:15	0.25	DRLSURF	12		P	3,456.0	RIG SERVICE
	12:15	12:30	0.25	DRLSURF	13		P	3,456.0	CLEAN FLOOR FOR TRIP IN HOLE
	12:30	15:00	2.50	DRLSURF	58		N	3,456.0	NOTICED MUD MOTOR WAS LEAKING OIL FROM MANDRIL. WAITING ON NEW MUD MOTOR
	15:00	15:30	0.50	DRLSURF	13		P	3,456.0	MAKE UP MOTOR, PULL MWD TOOL AND INSPECT AND TIGHTEN ALL CONNECTIONS, OK
	15:30	16:00	0.50	DRLSURF	13		P	3,456.0	MAKE UP BIT #2, INSTALL MWD TOOL
	16:00	20:00	4.00	DRLSURF	13		P	3,456.0	TRIP IN HOLE TO 929', INSTALL ROTATING HEAD, FILL PIPE TEST MWD, FLOW CHECK = 0, TRIP IN TO 3241' WASH LAST 2 STANDS DOWN,
	20:00	22:00	2.00	DRLSURF	7		P	3,456.0	PATTERN BIT, DRILLED 12 1/4" HOLE FROM 3456' TO 3528' = (72') IN 2 HRS = 36' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:1750 PSI, 0 DIFF, TORQUE= 4800 FT LBS, ROTARY= 60 RPM
	22:00	0:15	2.25	DRLSURF	52		N	3,528.0	LOST CIRCULATION, LOST ALL RETURNS AT 3528', PULL 2 STANDS, REDUCED PUMP RATE TO 100 SPM,= 350 GPM,MIX GELL AND SAWDUST TO A 50 VIS / 20% LCM IN, 40 VIS 10 % OUT, 30% RETURNS, MIX AND PUMP SAME, 70% RETURNS, CIRCULATE 2 STANDS BACK TO BOTTOM, FULL RETURNS, VIS IN 50 OUT 45, LCM IN 20% OUT 18%, DRILL AHEAD,
	0:15	6:00	5.75	DRLSURF	7		P	3,528.0	DRILLED 12 1/4" HOLE FROM 3528' TO 3608' = (80') IN 5.75 HRS = 13.9" / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:1750 PSI, 0 DIFF, TORQUE= 4800 FT LBS, ROTARY= 60 RPM, VIS IN 45 OUT 40, LCM IN 20% OUT 15%, MWT IN 8.5 OUT 8.5, NO MUD LOSS AT THIS DEPTH,
1/25/2011	6:00	10:30	4.50	DRLSURF	7		P	3,607.0	DRILLED 12 1/4" HOLE FROM 3607' TO 3669' = (62') IN 4.5 HRS = 14X' / HR WOB 45 K, RPM AT BIT=167' GPM: 770, SPP:2240 PSI, TORQUE= 4800 FT LBS, ROTARY= 55 RPM
	10:30	11:15	0.75	DRLSURF	15		P	3,669.0	CIRCULATE WHILE CLEAN OUT LCM FROM PUMPS
	11:15	14:45	3.50	DRLSURF	7		P	3,669.0	DRILLED 12 1/4" HOLE FROM 3669' TO 3712' = (43') IN 3.5 HRS =12.2 ' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2240 PSI, TORQUE= 5000 FT LBS, ROTARY= 55 RPM
	14:45	15:00	0.25	DRLSURF	12		P	3,712.0	RIG SERVICE,
	15:00	23:45	8.75	DRLSURF	7		P	3,712.0	DRILLED 12 1/4" HOLE FROM 3712' TO 3803' = (91') IN 8.75 HRS = 10.4' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2290 PSI, TORQUE= 5000 FT LBS, ROTARY= 55 RPM
	23:45	0:00	0.25	DRLSURF	12		P	3,803.0	RIG SERVICE, FUNCTION TEST CROWNSAVER, EXTEND ALARM, CHECK BRAKES, DEADMAN BOLTS,
	0:00	0:15	0.25	DRLSURF	45		N	3,803.0	REPAIR PUMPS, LOCK OUT TAG OUT, CHANGE OUT DISCARGE VALVES IN PUMPS #1 AND #2,
	0:15	6:00	5.75	DRLSURF	7		P	3,803.0	DRILLED 12 1/4" HOLE FROM 3803' TO 3863' = (60') IN 5.75 HRS = 10.4' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2290 PSI, TORQUE= 5000 FT LBS, ROTARY= 55 RPM
1/26/2011	6:00	9:30	3.50	DRLSURF	7		P	3,863.0	DRILLED 12 1/4" HOLE FROM 3863' TO 3894' = (31') IN 3.5 HRS = 9' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2440 PSI, TORQUE= 5400 FT LBS, ROTARY= 55 RPM
	9:30	9:45	0.25	DRLSURF	12		P	3,894.0	RIG SERVICE
	9:45	17:00	7.25	DRLSURF	7		P	3,894.0	DRILLED 12 1/4" HOLE FROM 3894' TO 3967' = (73') IN 7.25 HRS = 10' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2440 PSI, TORQUE= 5400 FT LBS, ROTARY= 55 RPM
	17:00	17:30	0.50	DRLSURF	52		N	3,967.0	WORK ON MUD PUMPS, CLEAN LCM FROM FLUID END
	17:30	19:30	2.00	DRLSURF	7		P	3,967.0	DRILLED 12 1/4" HOLE FROM 3967' TO 3985' = (18') IN 2 HRS = 9' / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2460 PSI, TORQUE= 5400 FT LBS, ROTARY= 55, VIS = 42, MWT = 8.9, LCM = 20%,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	19:30	19:45	0.25	DRLSURF	12		P	3,985.0	RIG SERVICE, FUNCTION TEST CROWNSAVER, EXTEND ALARM, CHECK BRAKES, DEADMAN BOLTS, DO SLOW PUMP RATES AT 3983'
	19:45	5:00	9.25	DRLSURF	7		P	3,985.0	DRILLED 12 1/4" HOLE FROM 3985' TO 4060' = (75') IN 9.25 HRS = 8.1 / HR WOB 35 K, RPM AT BIT=167' GPM: 770, SPP:2460 PSI, TORQUE= 5400 FT LBS, ROTARY= 55, VIS = 42, MWT = 8.9, LCM = 20%,
	5:00	6:00	1.00	DRLSURF	15		P	4,060.0	CIRCULATE AND CONDITION HOLE CLEAN, PUMP HI VIS SWEEP, RECIPROCATE PIPE 90', VIS 42, MWT 8.9, LCM 20%, 765 GPM. LOSSES = 1.5 BBL/HRS,
1/27/2011	6:00	9:30	3.50	DRLSURF	13		P	4,060.0	PRE TOUR SAFETY MEETING WITH CREW COMING IN FROM DAYS OFF, WIPER TRIP TO SHOE, FLOW CHECKS; 4060', & 839', HOLE IN GOOD CONDITION, NO TIGHT SPOTS, PRECAUTIONARY REAM LAST 3 STANDS TO BOTTOM. HOLE TAKING FLUID. STEEL LINE MEASURE OUT OF HOLE 23' MORE THAN PIPE TALLY
	9:30	11:30	2.00	DRLSURF	15		P	4,060.0	CIRCULATE HOLE CLEAN, INCREASE LCM TO 30% AND RAISE VIS TO 52. HOLE HEALED UP
	11:30	13:00	1.50	DRLSURF	13		P	4,060.0	TRIP OUT OF HOLE, FLOW CHECKS @4060, 1025', BHA. HOLE IN GOOD SHAPE, NO TIGHT SPOTS
	13:00	14:15	1.25	DRLSURF	13		P	4,060.0	LAYDOWN 36 JOINTS OF 4 1/2" DRILL PIPE BORROWED FROM P.D. RIG 406
	14:15	15:45	1.50	DRLSURF	13		P	4,060.0	TRIP OUT OF HOLE WITH HWDP AND 6 1/2" DRILL COLLARS
	15:45	16:30	0.75	DRLSURF	13		P	4,060.0	LAY DOWN 8" DRILL COLLARS, TBRs, SHOCK SUB AND JARS
	16:30	18:00	1.50	DRLSURF	13		P	4,060.0	BREAK OFF BIT AND LAY DOWN DIRECTIONAL TOOLS AND MUD MOTOR
	18:00	18:30	0.50	CASSURF	24		P	4,060.0	HELD PRE TOUR SAFETY MEETING, CLEAN FLOOR AND REMOVE 8" EQUIPMENT FROM CATWALK,
	18:30	20:45	2.25	CASSURF	24		P	4,060.0	RIG OUT TOP DRIVE BAILS, HELD SAFETY MEETING WITH TESCO CREWS AND PD CREWS (RIGING UP AND RUNNING CASING) PICK UP AND RIG UP TESCO TOOLS,
	20:45	6:00	9.25	CASSURF	24		P	4,060.0	RUN 3300', 75JOINTS OF 9.5/8, 40#, N-80 LTC, CASING, START JOB, THREAD LOCK ALL FLOAT EQUIPMENT, INSTALL BOW SPRING CENTRALIZER WITH STOP COLLARS ON THE FIRST THREE JOINTS AND ONE FLOATING CENTRALIZER EVERY THIRD JOINT TO THE BASE OF CONDUCTOR, 1025' KB, RUN CASING AT A TRIP SPEED OF 1.5 MINUTES PER JOINT SLIP TO SLIP, STOP AND FILL EVERY 10 JOINTS, RECORD PRESSURE CHECK RETURNS, STOP AT SHOE AND CIRCULATE BOTTOMS UP = 9 MINS, CONTINUE TO RUN CASING TO BOTTOM, RECORD PICK UP AND SLACK OFF WT, AND CIRCULATING PRESSURE, RUNNING CASING AT 0600 HRS, (REPORT TIME)
1/28/2011	6:00	8:00	2.00	CASSURF	24		P	4,060.0	CONTINUE RUN 17 JOINTS OF 9 5/8 CASING FROM 3300' TO 4083'. TAGGED BOTTOM WITH CASING AT 08:00 @ 4083'. RAN A TOTAL OF 92 JOINTS OF 9 5/8, 40#, N-80, LTC, 8RND RANGE 3 CASING. TOTAL OF 28 BOW SPRING CENTRALIZERS WITH STOP COLLARS ON THE FIRST THREE JOINTS AND ONE FLOATING CENTRALIZER EVERY THIRD JOINT TO THE BASE OF CONDUCTOR, 1025' KB.
	8:00	9:00	1.00	CASSURF	15		P	4,060.0	CIRCULATE CONDITION MUD BRING VIS UP TO 55, AND MAINTAIN LCM @ 30%
	9:00	11:30	2.50	CASSURF	15		N	4,060.0	CIRULATE CONDITION MUD WHILE WAITING ON CEMENTERS TO FINISH CEMENT JOB ON P.D. RIG 406. CIRCULATING WITH TESCO TOOL WHILE WAITING ON SCHLUMBERGER CIRCULATING SWEDGE.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	11:30	13:45	2.25	CASSURF	15		P	4,060.0	HAVE PRE JOB SAFETY MEETING WITH TESCO AND LAY DOWN TESCO CASING RUNNING TOOL WHILE CIRCULATING WITH SCHLUMBERGER CIRCULATING SWEDGE, RIG UP LONG BAILS AND 350 TON ELEVATORS
	13:45	19:30	5.75	CASSURF	15		N	4,060.0	CIRCULATE AND CONDITION MUD WHILE WAITING ON SCHLUMBERGER CEMENTERS. VIS = 61, MWT = 9.1, LCM = 30% RECIPROCATE PIPE 45',
	19:30	20:30	1.00	CASSURF	25		P	4,060.0	SPOT CEMENT TRUCKS, RIG UP CEMENTERS STANDPIPE, LOAD CEMENTING HEAD, BRING CEMENTING EQUIPMENT TO FLOOR,
	20:30	20:45	0.25	CASSURF	41		P	4,060.0	HELD SAFETY MEETING WITH SCHLUMBERGER CREWS AND PD CREWS, AND ELPASO REPS, (CEMENTING CASING)
	20:45	21:00	0.25	CASSURF	25		P	4,060.0	RIG UP CEMENTERS, INSTALL CEMENTING HEAD AND LINES
	21:00	0:00	3.00	CASSURF	25		P	4,060.0	SCHLUMBERGER PRESSURE TESTED PUMP AND LINES TO 2500 PSI (TEST GOOD) START JOB, PUMPED 20 BBLS OF GREEN DYED WATER, PUMPED 20 BBLS OF 10 PPG MUD PUSH, PUMPED LEAD SLURRY = 348 BBLS OF 11PPG (491SX) YEILD 3.98 CU FT/SX, MIX WATER 25.6, GAL/SX PUMPED TAIL SLURRY 61.27 BBLS OF 14.2 PPG (215 SX) YIELD 1.6 CU FT/SX , MIX WATER 7.8 GALS/SX, DROP TOP PLUG ON THE FLY, START DISPLACEMENT, PUMPED 306 BBLS OF RESERVE PIT WATER, LIFT PRESSURE = 713 PSI, AT 5.8 BBM, BUMP PLUG AT 23:45 HRS ON 01/27/2011 AT 1320 PSI, HELD PRESSURE FOR 10 MIN, BLEED OFF 1.5 BBLS BACK, FLOATS HELD, (END JOB), HAD GOOD RETURNS THROUGH OUT MIXING AND DISPLACING OF CEMENT JOB, SEEN NO CEMENT BACK TO SURFACE, FLUID DROPED IN ANNULUS 50'+FEET,
	0:00	3:30	3.50	CASSURF	26		N	4,060.0	WAIT ON CEMENT, NOTIFY DEWIGHT FISHER (ELPASO) NOTIFY DENNIS INGRAM, (STATE OF UTAH) LEFT A PHONE MASAGE, OF DETAILS CEMENT JOB,
	3:30	3:45	0.25	CASSURF	41		N	4,060.0	HELD SAFETY MEETING WITH PD CREW AND SINGLE SHOT WIRE LINE,
	3:45	6:00	2.25	CASSURF	37		N	4,060.0	RIG UP AND RUN THERMAL WIRELINE LOGS,
1/29/2011	6:00	9:00	3.00	CASSURF	37		N	4,060.0	HAVE PRE JOB SAFETY MEETING WITH CREW ON WIRE LINE LOGGING, CONTINUE WITH TEMPERATURE LOGS TO LOCATE TOP OF CEMENT. (TOC TO BE DETERMINED)
	9:00	9:30	0.50	CASSURF	37		N	4,060.0	RIG DOWN SINGLE SHOT WIRE LINE
	9:30	9:45	0.25	CASSURF	25		N	4,060.0	PRE JOB WITH SAFETY MEETING WITH SCHLUMBERGER ON TOP JOB CEMENTING
	9:45	13:00	3.25	CASSURF	25		N	4,060.0	RIG UP SCHLUMBERGER, RUN IN HOLE (ANNULUS) 300' OF 1" TUBING. HOLE TOOK 2 BARRELS TO FILL, DOWN 30'. CIRCULATE BOTTOMS UP. NO CEMENT TO SURFACE, ONLY THIN DRILLING MUD. PUMP 98SCKS, 25BBLS OF CLASS G NEAT 15.8# CLASS G + 2%CACL. AT SURFACE GET BACK 4 BBLS TO CELLAR.
	13:00	13:45	0.75	CASSURF	25		N	4,060.0	LAY DOWN 300' OF 1" TUBING, INSTALL 350 TON ELEVATORS AND PULL 30K WT. ON CASING AND HOLD IN SUSPENSION.
	13:45	18:00	4.25	CASSURF	26		N	4,060.0	WAIT ON CEMENT, MONITOR ANNULAS. VOLUME HOLDING OK
	18:00	18:15	0.25	CASSURF	41		P	4,060.0	HELD PRETOUR HANDOVER AND SAFETY MEETING, (NIPPLE UP AND TESTING BOPE)
	18:15	19:45	1.50	CASSURF	27		P	4,060.0	SLACKED OFF CASING ONE FT, RIG DOWN LONG BAILS AND 350 TON ELEVATORS, PICK UP BOP SLINGS, PICK UP STACK AND MAKE ROUGH CUT ON 9.5/8 CASING, LAY DOWN CUT OFF,
	19:45	21:30	1.75	CASSURF	29		P	4,060.0	NIPPLE DOWN SURFACE DEVERTER, AND COMPONENTS, CUT OFF 13.3/8 CASING BOWL AND SET OUT,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	21:30	23:00	1.50	CASSURF	29		P	4,060.0	MAKE FINIAL CUT OFF AT 20.1/2" FROM TOP OF MATTING BORDS ON THE 9.5/8 CASING FOR LANDING OF 9.5/8 X 11"5K WELLHEAD, REMOVE 13.3/8 BOP COMPONENTS OUT FROM UNDER SUB, INSTALL 10K BOPE COMPONENTS UNDER SUB WITH CRANE,
	23:00	2:00	3.00	CASSURF	28		P	4,060.0	INSTALL AND WELD ON 9.5/8 CASING BOWL, AND TEST TO 1500 PSI FOR 30 MINS, (TEST WAS GOOD)
	2:00	6:00	4.00	CASSURF	28		P	4,060.0	NIPPLE UP 10K BOPE STACK, START JOB, INSTALL B-SECTION, PICK UP THE REST OF THE BOP COMPONENTS,
1/30/2011	6:00	17:00	11.00	CASSURF	28		P	4,060.0	CONTINUED TO RIG UP 11" 10M BOP STACK, FLOW LINE, HCR VALVE, KILL LINE PICKED UP AND INSTALL SINGLE GATE PIPE RAMS, DOUBLE GATE PIPE RAMS (BLINDS IN THE BOTTOM HOLE, 4 1/2" PIPE RAMS IN UPPER HOLE) INSTALLED 11" ANNULAR PREVENTER - 11" GRANT ROTATING HEAD - INSTALLED HCR VALVE, INSTALL KILL LINE AND CHOKE LINE TORQUE UP BOP BOLTS WITH WEATHERFORD / RIG UP FLOOR TO PRESSURE TEST,
	17:00	17:15	0.25	CASSURF	19		P	4,060.0	HEDL PRE-JOB SAFETY MEETING WITH WEATHERFORD PRESSURE TESTERS ON TESTING 11" 10M BOPE
	17:15	0:45	7.50	CASSURF	19		P	4,060.0	INSTALLED TEST PLUG IN WELL HEAD FOR TESTING OF BOP - RIG UP PRESSURE TESTER - FILL BOP WITH WATER FOR TESTING - TESTED UPPER, LOWER DRILL PIPE RAMS, OUT SIDE VALVES, INSIDE VALVES HCR VALVE, TESTED INSIDE BOP, FULL OPENING SAFETY VALVE, LOWER SAFETY, UPPER HYDRAULIC VALVE ON TDU, TO 250 PSI, LOW, 5000 PSI HIGH, TESTED STAND PIPE TO 250 PSI, LOW, 3500 PSI HIGH - TESTED BLIND RAMS TO 250 PSI LOW AND 5000 PSI HIGH - TEST ANNULAR PREVENTER TO 4000 PSI - NOTE: ALL LOW, HIGH TEST RAN FOR 10 MINUTES EACH PREFORMED ACCUMALTOR FUNCTION TEST (GOOD) TEST CASING TO 1500PSI FOR 30 MIN OK.
	0:45	1:45	1.00	CASSURF	19		P	4,060.0	INSTALL WEAR BUSHING
	1:45	4:00	2.25	CASSURF	42		N	4,060.0	HAVE PRE JOB SAFETY MEETING, MAKE UP ONE STAND OF DRILL COLLARS, BIT SUB AND MILL TOOTH 8 3/4 BIT AND DRILL NEW MOUSE HOLE. RACK BACK STAND OF COLLARS, BLOW OUT TOP DRIVE
	4:00	4:45	0.75	CASSURF	42		P	4,060.0	GET FLOOR READY FOR PICKING UP BHA, RECONNECT HYDRAULIC LINES ON BOPs
	4:45	6:00	1.25	CASINT1	13		P	4,060.0	HAVE JSA ON PICKING UP BHA, PICK UP DIRECTIONAL BHA AS PER TOTAL DIRECTIONAL
1/31/2011	6:00	8:15	2.25	CASSURF	14		P	4,083.0	HELD PRE-TOUR SAFETY MEETING - MAKE UP BIT # 3 ULTERRA MT1377DU 8.75" TO 6.50" WENTZEL MUD MOTOR: 9/10 LOBE, 3.5 STAGE 0.15 REV / GAL WITH 1.5 DEGREE BEND - MAKE UP E-M TOOL, DOWN LOAD SAME
	8:15	9:30	1.25	CASSURF	13		P	4,080.0	CONTINUED TO RIH WITH BHA FROM THE DERRICK
	9:30	10:45	1.25	CASSURF	13		P	4,083.0	HELD SAFETY MEETING ON RIH WITH DRILL PIPE FROM THE DERRICK AND PICKING UP EXCESS DRILL PIPE FROM THE RACKS - CONTINUED TO RIH FROM 861' / 2985'
	10:45	11:15	0.50	CASSURF	14		N	4,083.0	STARTED PICKING UP EXCESS 4 1/2" DRILL PIPE FROM THE RACK RABBITING SAME - IT WAS DISCOVERED THE RABBIT WAS MISSING! - LOOKED ALL AROUND RIG FLOOR AND VEE-DOOR, UNDER THE CAT WALK, AND THE GROUND AREA, NO RABBIT TO BE FOUND
	11:15	13:45	2.50	CASSURF	13		N	4,083.0	TRIPPED OUT FROM 2985' TO GAP SUB AT 78' - FOUND RABBIT IN TOP OF SAME
	13:45	14:45	1.00	CASSURF	13		N	4,083.0	RUN BACK IN THE HOLE TO 2985'

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	14:45	15:45	1.00	CASSURF	14		P	4,083.0	CONTINUED TO PICK UP 4 1/2" DRILL PIPE FROM THE RACK TO A DEPTH OF 3740'
	15:45	17:00	1.25	CASSURF	17		P	4,083.0	HELD PRE-JOB SAFETY MEETING ON SLIPPING AND CUTTING DRILLING LINE - HANG OFF TOP DRIVE UNIT - SLIP AND CUT OFF 9 WRAPS (54') OF DRILLING LINE
	17:00	17:30	0.50	CASSURF	14		P	4,083.0	CONTINUED TO PICK UP 4 1/2" DRIL PIPE FROM RACKS - TAGGED UPON CEMENT STRINGER @ 4011'
	17:30	19:00	1.50	CASSURF	16		P	4,083.0	WASH CEMENT FROM 4011' TO TOP OF FLOAT COLLAR @ 4036'. DRILL OUT SHOE TRACK TO 4083' WITH CORRECTED DEPTH. RIGS PIPE TALLY WAS OUT 23' AND ACTUAL HOLE DEPTH WAS 4083' NOT 4060'
	19:00	19:15	0.25	DRLINT1	7		P	4,083.0	DRILL 8 3/4" HOLE FROM 8083' TO 4091'
	19:15	19:45	0.50	DRLINT1	15		P	4,091.0	CIRCULATE HOLE CLEAN, HAVE JSA ON FORMATION INTEGRITY TEST.
	19:45	20:30	0.75	DRLINT1	33		P	4,091.0	PREFORMED FIT TEST - TEST FLUID WEIGHT 8.4 PPG @ 4091' TVD, SURFACE PRESSURE 1200 PSI = E MUD WT OF 14.05 PPG OR PRESSURE GRADIENT OF .73
	20:30	22:45	2.25	DRLINT1	7		P	4,091.0	DRILLED 8 3/4 HOLE FROM 4091' TO 4219' = (128') IN 2.25 HRS = 57' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 7900 FT LBS, ROTARY= 55 RPM
	22:45	23:00	0.25	DRLINT1	41		P	4,219.0	BOP DRILL, WELL SECURE, MEN IN PLACE IN 90 SEC
	23:00	0:30	1.50	DRLINT1	7		P	4,219.0	DRILLED 8 3/4 HOLE FROM 4219' T 4312' = (93') IN 1.5 HRS = 62' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 5400 FT LBS, ROTARY= 60 RPM
	0:30	1:00	0.50	DRLINT1	12		P	4,312.0	RIG SERVICE
	1:00	6:00	5.00	DRLINT1	7		P	4,312.0	DRILLED 8 3/4 HOLE FROM 4312' TO 4540'= (228') IN 5 HRS = 46' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 5400 FT LBS, ROTARY= 60 RPM
2/1/2011	6:00	7:15	1.25	DRLINT1	7		P	4,540.0	DRILLED 8 3/4 HOLE FROM 4540' TO 4591'= (51') IN 1.25 HRS = 41' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 7400 FT LBS, ROTARY= 60 RPM
	7:15	7:30	0.25	DRLINT1	41		P	4,591.0	BOP DRILL, WELL SECURE IN 47 SECONDS. FUNCTION LOWER PIPE RAMS
	7:30	14:15	6.75	DRLINT1	7		P	4,591.0	DRILLED 8 3/4 HOLE FROM 4591' TO 4871' = (280') IN 6.75 HRS = 42' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2700 PSI, TORQUE= 7400 FT LBS, ROTARY= 60
	14:15	14:30	0.25	DRLINT1	12		P	4,871.0	RIG SERVICE
	14:30	1:00	10.50	DRLINT1	7		P	4,871.0	DRILLED 8 3/4 HOLE FROM 4871' TO 5245' = (374') IN 10.5 HRS = 36' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2300 PSI, TORQUE= 7500 FT LBS, ROTARY= 60
	1:00	1:15	0.25	DRLINT1	12		P	5,245.0	RIG SERVICE
	1:15	4:15	3.00	DRLINT1	7		P	5,245.0	DRILLED 8 3/4 HOLE FROM 5245 TO 5431' = (186') IN 3 HRS = 62' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2300 PSI, TORQUE= 7500 FT LBS, ROTARY= 60
	4:15	4:45	0.50	DRLINT1	7		P	5,431.0	SLIDE DRILL 5431' TO 5451'
	4:45	6:00	1.25	DRLINT1	7		P	5,451.0	DRILLED 8 3/4 HOLE FROM 5451' TO 5580' = (129') IN 1.25 HRS = 100' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2300 PSI, TORQUE= 7500 FT LBS, ROTARY= 60
2/2/2011	6:00	10:30	4.50	DRLINT1	7		P	5,580.0	DRILLED 8 3/4 HOLE FROM 5580' TO 5804 = (224') IN 4.5 HRS = 50' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2300 PSI, TORQUE= 7500 FT LBS, ROTARY= 60. SLIDE F/ (5618' TO 5638') (5653' TO 5668') (5711' TO 5741')
	10:30	10:45	0.25	DRLINT1	12		P	5,804.0	RIG SERVICE
	10:45	18:00	7.25	DRLINT1	7		P	5,804.0	DRILLED 8 3/4 HOLE FROM 5804' TO 6250' = (446') IN 7.25 HRS = 62' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2350 PSI, TORQUE= 8300 FT LBS

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	18:00	2:15	8.25	DRLINT1	7		P	6,250.0	DRILLED 8 3/4 HOLE FROM 6250' TO 6643'= (446') IN 8.25 HRS = 48' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2650 PSI, TORQUE= 8800 FT LBS SLIDE F/ (6270'-6290') (6332'-6353') (6270'-6290') (6332'-6353')
	2:15	2:30	0.25	DRLINT1	12		P	6,643.0	RIG SERVICE
	2:30	6:00	3.50	DRLINT1	7		P	6,643.0	DRILLED 8 3/4 HOLE FROM 6643' TO 6780'= (137') IN 3.5 HRS = 40' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2650 PSI, TORQUE= 8800 FT LBS
2/3/2011	6:00	15:30	9.50	DRLINT1	7		P	6,780.0	DRILLED 8 3/4 HOLE FROM 6780' TO 7015' = (235') IN 9.50 HRS = 24.7' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2565 PSI, TORQUE= 8314 FT LBS SLIDE FROM (6829'-6844'), (6900'-6915')
	15:30	15:45	0.25	DRLINT1	12		P	7,015.0	SERVICE UP RIG - FUNTION TEST UPPER DRILL PIPE RAMS, 45 SEC TO CLOSE
	15:45	3:45	12.00	DRLINT1	7		P	7,015.0	DRILLED 8 3/4 HOLE FROM 7015' TO 7296'= (281') IN 12 HRS = 23.4' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2620 PSI, TORQUE= 7800 FT LBS
	3:45	4:00	0.25	DRLINT1	12		P	7,296.0	RIG SERVICE
	4:00	6:00	2.00	DRLINT1	7		P	7,296.0	DRILLED 8 3/4 HOLE FROM 7296' TO 7345' = (49') IN 2 HRS = 25' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2720 PSI, TORQUE= 7700 FT
2/4/2011	6:00	11:15	5.25	DRLINT1	7		P	7,345.0	DRILLED 8 3/4 HOLE FROM 7345' TO 7457' = (112') IN 5.25 HRS = 22' / HR WOB 15 K, RPM AT BIT=154 GPM: 585, SPP:2720 PSI, TORQUE= 7700 FT
	11:15	11:45	0.50	DRLINT1	15		P	7,457.0	CIRCULATE, FLOW CHECK @ 7467' - WELL FLOWING AT 5.5 / 6 BBLS / HOUR
	11:45	14:00	2.25	DRLINT1	15		P	7,457.0	MUD UP TO 8.7 PPG , FLOW CHECK @ 7467' NO FLOW
	14:00	14:15	0.25	DRLINT1	41		P	7,457.0	PRE JOB SAFETY MEETING ON TRIPPING OUT OF THE HOLE, FUNCTION ANNULAR, 21 SECONDS TO CLOSE
	14:15	19:30	5.25	DRLINT1	13		P	7,457.0	PUMP PILL, TRIP OUT OF HOLE FOR BIT F/ 7457' TO 863'. RACK BACK BHA, LAY DOWN JARS AND TBR'S. FLOW CHECKS 7457', 7016', 4033', 861' AT SURFACE - NO FLOWS SEEN!
	19:30	19:45	0.25	DRLINT1	13		P	7,457.0	CLEAN FLOOR, PREP TO RUN IN HOLE
	19:45	20:00	0.25	DRLINT1	41		P	7,457.0	PRE JOB SAFETY MEETING ON TRIPPING IN HOLE
	20:00	1:30	5.50	DRLINT1	13		P	7,457.0	MAKE UP NEW ULTERRA 8 3/4" BIT#4, TRIP IN HOLE WITH BHA, PICK UP TBR'S AND JARS. FILL EVERY 3000', PRECAUTIONARY WASH LAST 150' TO BOTTOM, NO FILL HOLE IN GOOD CONDITION, NO TIGHT SPOTS ON TRIP
	1:30	2:30	1.00	DRLINT1	7		P	7,457.0	PATTERN IN NEW BIT, DRILLED 8 3/4" HOLE FROM 7457' TO 7482'
	2:30	2:45	0.25	DRLINT1	12		P	7,482.0	RIG SERVICE, FUNCTION ANNULAR, 21 SECONDS TO CLOSE
	2:45	6:00	3.25	DRLINT1	7		P	7,482.0	DRILLED 8 3/4 HOLE FROM 7482' TO 7615' = (133') IN 3.25 HRS = 41' / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2800 PSI, TORQUE= 8900 FT
2/5/2011	6:00	12:45	6.75	DRLINT1	7		P	7,615.0	DRILLED 8 3/4 HOLE FROM 7615' TO 7855' = (240') IN 6.75 HRS = 36' / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2660 PSI, TORQUE= 7700 FTLBS
	12:45	13:00	0.25	DRLINT1	12		P	7,855.0	RIG SERVICE, FUNCTION HCR 2 SECENDS TO CLOSE
	13:00	1:45	12.75	DRLINT1	7		P	7,855.0	DRILLED 8 3/4 HOLE FROM 7855' TO 8229'= (374') IN 12.75 HRS = 29' / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2660 PSI, TORQUE= 9000 FTLBS. SLIDE (82145'-8165'), (8043'-8063')
	1:45	2:00	0.25	DRLINT1	12		P	8,043.0	RIG SERVICE, FUNCTION HCR 2 SECONDS TO CLOSE
	2:00	6:00	4.00	DRLINT1	7		P	8,063.0	DRILLED 8 3/4 HOLE FROM 8229' TO 8385' = (156') IN 4 HRS = 39" / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2660 PSI, TORQUE= 9000 FTLBS.
2/6/2011									

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00	13:45	7.75	DRLINT1	7		P	8,385.0	DRILLED 8 3/4 HOLE FROM 8385' TO 8602' = (217') IN 7.75 HRS = 28' / HR WOB 15 K, RPM AT BIT=149 GPM: 556, SPP:2660 PSI, TORQUE= 9000 FTLBS. SLIDE (8430'-8440')
	13:45	14:00	0.25	DRLINT1	12		P	8,602.0	RIG SERVICE
	14:00	14:30	0.50	DRLINT1	45		N	8,602.0	KELLY HOSE BROKE OFF GOOSE NECK ON SWIVEL WHILE PREPAIRING TO MAKE ANOTHER CONNECTION. SNUBBING LINE HELD SAME IN PLACE - DISCONNECTED SAME LAY DOWN KELLY HOSE TO RIG FLOOR
	14:30	17:30	3.00	DRLINT1	45		N	8,602.0	TRIP OUT HOLE TO SHOE, FLOW CHECKS @ 8602',5484',4030'
	17:30	19:00	1.50	DRLINT1	45		N	8,602.0	REMOVE WASH PIPE, REMOVE GOOSE NECK FROM SWIVEL
	19:00	20:00	1.00	DRLINT1	45		N	8,602.0	SLIP ON 9 RAPS DRILL LINE
	20:00	23:30	3.50	DRLINT1	45		N	8,602.0	BREAK OFF SWIVEL FROM TOP DRIVE AND LAY DOWN, REMOVE BAIL CLAMPS FOR COMPENSATORS. MONITORING WELL ON TRIP TANK, WELL STABLE
	23:30	1:00	1.50	DRLINT1	45		N	8,602.0	PICK UP NEW EMSCO LB-300 SWIVEL & MAKE UP TO TOP DRIVE. INSTALL BAIL CLAMPS FOR COMPENSATORS MONITORING WELL ON TRIP TANK, WELL STABLE
	1:00	1:45	0.75	DRLINT1	45		N	8,602.0	INSTALL KELLY HOSE & SAFETY CABLES/CHARGE UP COMPENSATOR RAMS
	1:45	2:15	0.50	DRLINT1	45		N	8,602.0	CUT 9 WRAPS OF DRILLING LINE
	2:15	3:30	1.25	DRLINT1	45		N	8,602.0	CLEAN FLOOR, SET UP TONGS, SET CROWN SAVER, PREPARE FLOOR TO TRIP IN HOLE. CIRCULATE THROUGH SWIVEL, NO LEAKS. MONITORING WELL ON TRIP TANK, WELL STABLE
	3:30	4:00	0.50	DRLINT1	45		N	8,602.0	PRE JOB SAFETY MEETING ON TRIPPING IN HOLE, TRIP IN HOLE FROM 4030' TO 4970'
	4:00	6:00	2.00	DRLINT1	45		N	8,602.0	PROBLEM WITH CROWN SAVER, WORKING ON SAME AT REPORT TIME
2/7/2011	6:00	8:00	2.00	DRLINT1	15		N	8,602.0	CIRCULATING AT 5065' WITH 297 GPM, RPMS: 64 SPP: 856 - WORKING DRILL STRING WHILE TRYING TO FIND A WELDER FOR REPAIRS ON SUPER BOWL SUNDAY! BGG: 21 UNITS MUD WT: 9.1 PPG VIS: 40
	8:00	8:30	0.50	DRLINT1	13		N	8,602.0	TRIPPED BACK OUT FROM 5065' BACK UP INTO 9 5/8" CSG, PULLED UP TO 4037'
	8:30	9:30	1.00	DRLINT1	44		N	8,602.0	FLOW CHECK WELL, NO FLOW! SHUT IN ANNULAR PREVENTER (21 SECONDS TO CLOSE) TO WELD ON CROWN SAVER LINKAGE TO DRAW WORKS DRUM BRAKES - REPAIRED SAME - TESTED SAME - OK! - NO PRESSURE ON THE WELL - OPENED BACK UP ANNULAR PREVENTER
	9:30	11:30	2.00	DRLINT1	13		N	8,602.0	RUN BACK INTO BOTTOM AT 8602', PRECAUTIONARY REAM F/ 8415' TO 8602' HOLE IN GOOD CONDITION, NO TIGHT SPOTS
	11:30	14:00	2.50	DRLINT1	7		P	8,602.0	CONTINUE TO DRILL 8.75" INTERMEDIATE HOLE SECTION - DRILLED 8 3/4 HOLE FROM 8602' TO 8694' = (92') IN 2.5 HRS = 37' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2660 PSI, TORQUE= 9000 FTLBS. SLIDE (8430'-8440')
	14:00	14:15	0.25	DRLINT1	12		P	8,694.0	RIG SERVICE
	14:15	1:15	11.00	DRLINT1	7		P	8,694.0	DRILLED 8 3/4 HOLE FROM 8694' TO 9069' = (375') IN 11HRS = 34' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2800 PSI, TORQUE= 8300 FTLBS
	1:15	1:30	0.25	DRLINT1	12		P	9,069.0	RIG SERVICE
	1:30	6:00	4.50	DRLINT1	7		P	9,069.0	DRILLED 8 3/4 HOLE FROM 9069' TO 9255' = (186') IN 4.5 HRS = 41' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2800 PSI, TORQUE= 8300 FTLBS
2/8/2011	6:00	6:30	0.50	DRLINT1	41		P	9,254.0	PRE TOUR SAFETY MEETING F/ 06:00 TO 06:15, RIG SERVICE, FUNCTION PIPE RAMS, 4 SECONDS TO CLOSE

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:30	17:15	10.75	DRLINT1	43		N	9,254.0	TROUBLE SHOOT TOP DRIVE - UNABLE TO ROTATE TOP DRIVE UNIT FORWARDS OR BACK WARDS IN A DRILL MODE OR BREAK OUT MODE - SHORT LOOPED NEW 37 PIN CONTROLER CABLE FROM DRILIERS CONTROL BOX FOR TDU TO SAME ON RIG FLOOR - NO DIFFERENCE IN MOVEMENT - FOUND SHORT IN DRILLERS CONTROL PANNEL, HAD (2) OPEN SWITCHES, FOUND BAD MOTHER POP BOARD IN TOP DRIVE POWER HOUSE UNIT, AND BURNT OUT PORPORTINATE VALVE
	17:15	0:00	6.75	DRLINT1	7		P	9,254.0	DRILLED 8 3/4 HOLE FROM 9254' TO 9442' = (188') IN 6.75 HRS = 27' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2800 PSI, TORQUE= 10100 FTLBS
	0:00	0:15	0.25	DRLINT1	12		P	9,442.0	RIG SERVICE
	0:15	6:00	5.75	DRLINT1	7		P	9,442.0	DRILLED 8 3/4 HOLE FROM 9442' TO 9565' = (123') IN 5.75 HRS = 21' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2720 PSI, TORQUE= 10100 FTLBS
2/9/2011	6:00	11:30	5.50	DRLINT1	7		P	9,565.0	HELD PRETOUR SAFETY MEETING, DRILLED 8 3/4 HOLE FROM 9565' TO 9814 ' = (249') IN 5.5 HRS = 45' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2720 PSI, TORQUE= 10100 FTLBS,
	11:30	11:45	0.25	DRLINT1	41		P	9,814.0	HELD BOP DRILL, FUNCTION TEST LOWER PIPE RAMS 4 SEC C/O, MEN SECURE IN 83 SEC
	11:45	13:15	1.50	DRLINT1	7		P	9,814.0	DRILLED 8 3/4 HOLE FROM 9814' TO 9907' = (93') IN 1.5 HRS = 62' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2720 PSI, TORQUE= 10100 FTLBS,
	13:15	13:30	0.25	DRLINT1	12		P	9,907.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM,
	13:30	21:15	7.75	DRLINT1	7		P	9,907.0	DRILLED 8 3/4 HOLE FROM 9907' TO 10140' = (233') IN 7.75 HRS = 30' / HR, WOB 15 K, RPM AT BIT=149 GPM: 556, SPP: 2720 PSI, TORQUE= 10100 FTLBS,
	21:15	22:45	1.50	DRLINT1	15		P	10,140.0	CIRCULATE AND CONDITION MUD, RECIPROCATE PIPE 90', VIS = 43, MWT= 9.1, GPM=556, TORQUE = 7525,
	22:45	3:15	4.50	DRLINT1	13		P	10,140.0	WIPER TRIP OUT, CHECK FLOW NO FLOW, PUMP SLUG, PULLING OF HOLE TO THE SHOE, DRAG SEEN 20 / 25 K, PULLED TIGHT AT 4545', 45K OVER, WORKED SAME FREE BY BACK REAM FROM 4592' TO 4499. PULL UP IN ONTO SHOE AT 4083'
	3:15	3:30	0.25	DRLINT1	41		P	10,140.0	HELD SAFETY MEETING,(TRIPPING IN HOLE) CLEAN OFF FLOOR,
	3:30	6:00	2.50	DRLINT1	13		P	10,140.0	TRIP IN HOLE, ATTEMT TO WASH FROM 4405' TO 4499', PLUGGED STRING, PULL BACK TO SHOE AND ATTEMPT TO UNPLUG STRING, STRING STILL PRESSURED UP, TRIPPING OUT OF HOLE FOR PLUGGED STRING
2/10/2011	6:00	8:45	2.75	DRLINT1	13		N	10,140.0	CONTINUE TO POOH WET 3370' TO DIRECTIONAL TOOLS
	8:45	10:30	1.75	DRLINT1	14		N	10,140.0	LAY DOWN DIRECTIONAL TOOLS - NOTE: TRIED TO PUMP THROUGH MUD MOTOR AND BIT ONLY! PRESSURED UP TO 953 PSI - BEARING INDEX WAS 3/8" WEAR - AFTER BREAKING OFF TORQUE BUSTER AND BIT NEITHER ONE WAS PLUGGED! - MUD MOTOR PLUGGED UP! 8 DEGREES - BLOW DOWN TOP DRIVE UNIT - CLEAN RIG FLOOR FROM PULLING OUT WET
	10:30	12:00	1.50	DRLINT1	14		P	10,140.0	MAKE UP CLEAN OUT MILL TOOTH BIT 8.75" BIT # 5 - STRAP BHA #5

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:00	15:00	3.00	DRLINT1	16		P	104,140.2	PRE-CAUTIONARY WASH AND REAM LOOKING FOR POSSIBLE TIGT SOT AROUND 4545' - W&R FROM 4240' / 4698' NOTE: ONE SPOT WITH BRIEF FLICKER OF 5K WEIGHT AT 4533' - WORKED DOWN BELOW, PICKED BACK UP NO SNUGNESS SEEN UP OR BACK THRU SAME SPOT - WHIEL REAMING HAD LOSSES TO HOLE OCCURRING, LOSING AT 200 BBLS / HOUR
	15:00	15:15	0.25	DRLINT1	52		N	10,140.0	PULLED BACK UP FROM 4698' / 4240' - NO SNUGNESS SEEN PULLING BACK UP THROUGH THIS AREA OF THE HOLE
	15:15	15:45	0.50	DRLINT1	52		N	10,140.0	WENT TO SHORT LOOP THE SYSTEM, HAD FROZEN PATH FROM SHAKERS TO SUCTION TANK # 5 - CONTINUED TO CIRCUALTE LONG WAY TILL SHORT LOOP COULD BE STEAMED AND DUG OUT - TAKE ON PRE-MIX MUD AND ADDING WATER AS REQUIRED, ADDING LCM - UNABLE TO MAINTAIN MUD WEIGHT GOING DOWN
	15:45	16:30	0.75	DRLINT1	52		N	10,140.0	SHUT DOWN CIRCUALTION SO MUD WEIGHT COULD BE ADJUSTED AND VOLUME BUILT WITH 15 / 20 LCM BEING ADDED - WORKING DRILL STRING SLOWLY WHILE MONITORING STRING WEIGHT, NO HOLE DRAG SEEN
	16:30	18:00	1.50	DRLINT1	52		N	10,140.0	BUILT VOLUME BACK TO 797 BBLS WITH 15% LCM AND 9.3 PPG, VIS: 52 - PUMPED SAME WHILE WORKING DRILL STRING AT 4228' / 4143' - HOLE TOOK ANOTHER 51 BBLS BEFORE STABILIZING LOSSES
	18:00	20:30	2.50	DRLINT1	13		P	10,140.0	HELD PRETOUR SAFETY MEETING,CONTINUED TO TRIP IN THE HOLE STRAP AND FILL DRILL PIPE AT 2000' INTERVAILS, TRIP IN TAGGED AT 8903' PULLED 2 STANDS ABOVE TO 8703'
	20:30	22:45	2.25	DRLINT1	16		N	10,140.0	WASH AND REAM FROM 8703' TO 9130' RAN 2 STANDS TO 9330' TAGGED, PULL 5 STANDS, WASH AND REAM FROM 8708' TO 9181' LOST CIRCULATION, LOST 40 BBLS,
	22:45	23:00	0.25	DRLINT1	52		N	10,140.0	SLOW PUMPS DOWN = RATE, 282 GPM, CONDITION MUD MIX LCM, FULL RETURNS,
	23:00	0:30	1.50	DRLINT1	16		N	10,140.0	WASH AND REAM FROM 9181' TO 10140', CONDITION MUD TO 46 VIS 20% LCM, DEVERT TO GAS BUSTER TRIP GAS = 1800 UNITS = 25' FLARE,
	0:30	2:00	1.50	DRLINT1	15		P	10,140.0	CIRCULATE AND CONDITION TWO BOTTOMS UP = 46 VIS 20% LCM, 565 GPM, 2350 PSI, NO MUD LOSSES,
	2:00	2:15	0.25	DRLINT1	41		P	10,140.0	HELD SAFETY MEETING, (TRIPPING OUT OF HOLE) CHECK FOR FLOW, NO FLOW,
	2:15	6:00	3.75	DRLINT1	13		P	10,140.0	WIPER TRIP OUT TO SHOE, PULLED TIGHT 30K / 40K 10090. 99000, PULLED 68K OVER AT 9401', BACK REAM , CHECK FOR FLOW (NO FLOW,) NO DRAG FROM 8703 TO 6421',
2/11/2011	6:00	7:00	1.00	DRLINT1	51		N	10,140.0	CONTINUED TO WIPE HOLE FROM 6421', BACK UP INTO 9 5/8" CASING SHOE AT 4083'
	7:00	8:00	1.00	DRLINT1	17		P	10,140.0	SLIP AND CUT 9 WRAPS (54') OF DRILING LINE
	8:00	10:00	2.00	DRLINT1	51		N	10,140.0	RIH TO 7593' NO TIGHT HOLE SEEN RUNNING BACK INTO THIS POINT OF THE HOLE
	10:00	11:00	1.00	DRLINT1	51		N	10,140.0	PRECAUTIONARY WASH AND REAM FROM 7593' / 7905' - NO TIGTNESS SEEN THRU THIS INTERVAL OF THE HOLE
	11:00	11:30	0.50	DRLINT1	51		N	10,140.0	RUN IN THE HOLE FROM 7905' TO 8714' - ROUGHTLY 200' ABOVE PREVIOUS TIGHT HOLE SECTION SEEN PULLING OUT
	11:30	14:30	3.00	DRLINT1	51		N	10,140.0	WASHED AND REAMED FROM 8714' TO 10,140' - TIGHT SPOTS SEEN AS FOLLOWS: 8876' 8902' 8966' 9001' 9021' (DOWN WEIGHT 10K / 20K) 9051' (30K) 9098' 9445' 9732' / 9742' 9814' 9824' 9870' 9898' (10K / 20K) - NOTE: HAD 7 FEET OF FILL ON BOTTOM!
	14:30	14:45	0.25	DRLINT1	12		P	10,140.0	SERVICE UP RIG - FUNCTION TESTED HYDRILL, CLOSED IN 21 SECONDS

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	14:45 21:30	6.75	DRLINT1	51		N	10,140.0	WIPED HOLE FROM 10,140' / 8496' HAD THREE TIGHT SPOTS THROUGH THIS SECTION OF THE HOLE: 9585' 50K, 9554' 25K, 9397 30K, WIPPER TRIP INTO 8824', WASHED AND REAMED, PUMPED AND ROTATED, PUMP ONLY, SLIDE WITH OUT PUMP OR ROTATING, EACH STAND FROM 8824' TO 10140'. SEEN NO RESISTANCE WHILE RUNNING BACK TO BOTTOM,18:00 HRS TO 18:15 HRS, HELD PRETOUR SAFETY MEETING, (TRIPPING PIPE)
	21:30 23:00	1.50	DRLINT1	15		P	10,140.0	CIRCULATE AND CONDITION,TWO BOTTOMS UP, RECIPROCATE PIPE, 90' = 46 VIS 20% LCM, 9.5 MWT 565 GPM, 2350 PSI, NO MUD LOSSES, CHECK FLOW AT 10140,NO FLOW
	23:00 4:45	5.75	DRLINT1	13		P	10,140.0	TRIP OUT OF THE HOLE TO THE CASING SHOE AT 4083' SEEN NO TIGHT SPOTS, CHECKED FOR FLOW AT 9675' 9210',NO FLOW, PUMPED SLUG AT 9210' CONTINUED TO TRIP OUT TO SHOE, (NO TIGHT SPOTS SEEN), CONTINUED TO TRIP THE REST OF THE WAY OUT OF THE HOLE TO SURFACE,
	4:45 5:15	0.50	DRLINT1	12		P	10,140.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWN SAVER, AND CHECK EXTENDED ALARM,
	5:15 6:00	0.75	DRLINT1	65		N	10,140.0	WAIT ON LOGGERS, LOGGERS CALLED AND THEY ARE BROKE DOWN IN ROOSEVELT UT, (35 MILES AWAY!)
2/12/2011	6:00 9:00	3.00	DRLINT1	65		N	10,140.0	WAIT ON HALLIBURTON LOGGERS, TRUCK WAS BROKE DOWN 36 MILES FROM RIG IN ROOSEVELT UT, EXPECTING 3 TO 4 HR DELAY, HAD ANOTHER LOG'G TRUCK COME IN YARD FROM ANOTHER FINISHED JOB, SWAPED OUT TOOLS, SENT SAME TO US, ARRIVED ON LOCATION 07:45 HRS 02/11/11
	9:00 9:15	0.25	DRLINT1	41		P	10,140.0	HELD SAFETY MEETING WITH HALLIBURTON, PD CREWS ELPASO REPS, ON PICKING UP AND RUNNING LOGGING TOOLS,
	9:15 15:00	5.75	DRLINT1	37		P	10,140.0	RIG UP AND RUN WIRE LINE LOGS WITH HALLIBURTON RAN: SPECTRAL DENSITY, DUAL SPACED NEUTRON, ARRAY COMPENSATED TRUE RESISTIVITY, BORE HOLE COMPENSATED SONIC ARRAY, LOGGERS WIRE LINE DEPTH OF HOLE 10,140', 9 5/8" CASING SHOE: 4,080' WL - RIG DOWN LOGGERS
	15:00 15:15	0.25	DRLINT1	41		P	10,140.0	HELD SAFETY MEETING, (TRIPPING PIPE, DOING JSAs)
	15:15 21:30	6.25	DRLINT1	13		P	10,140.0	MAKE UP BHA, TRIP IN TO 1000', INSTALL ROTATING HEAD, FILL PIPE EVERY 2000' CHECK FOR RETURNS, FULL RETURNS, WASH DOWN THE LAST 2 STANDS, DID NOT SEE ANY TIGHT SPOTS RUNNING INTO BOTTOM AT 10,140' TMD
	21:30 23:15	1.75	DRLINT1	15		P	10,140.0	CIRCULATE AND CONDITION,TWO BOTTOMS UP, RECIPROCATE PIPE, 90' - VIS: 46, LCM: 20%, MW: 9.5, GPM: 565, PSI: 2420, NO MUD LOSSES, TRIP GAS = 1325 UNITS WITH A 25' FLARE, CIRCULATED ALL GAS OUT.
	23:15 23:30	0.25	DRLINT1	12		P	10,140.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWN SAVER, AND CHECK EXTENDED ALARM, HELD SAFETY MEETING, (LAYING DOWN DRILLPIPE),
	23:30 6:00	6.50	DRLINT1	13		N	10,140.0	PRECAUTIONARY WIPER TRIP BEFORE LAYING DOWN DRILLPIPE FROM 10,140' / 8745' PULLED 15 STANDS, HAD THREE TIGHT SPOTS THROUGH THIS SECTION OF THE HOLE: 9896' 40K, 9802' 30K, 9492 25K, START WASHING AND REAMING AT 8745', PUMPED AND ROTATED, PUMP ONLY, SLIDE WITH OUT PUMP OR ROTATING, EACH STAND FROM 8745' TO 10140', TAGGED AT 8828'/ 9080'/ 9102'/ 9541'/ 9754' PUSHING IT TO BOTTOM,
2/13/2011	6:00 6:30	0.50	DRLINT1	70		P	10,140.0	HELD SAFETY STAND DOWN MEETING WITH CREW AND ELPASO SAFETY REPS AND FIELD OPPERATIONS MANAGER DICUSSED RECENT HAND INCIDENTS OF PRECISION DRILLING RIG CREWS

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:30	7:00	0.50	DRLINT1	16		N	10,140.0	WASHED REAMED INTERMITTEN TIGHT SPOTS FROM 9871' / 10,140'
	7:00	8:15	1.25	DRLINT1	15		P	10,140.0	CIRCUALTE AND CONDITION MUD FOR PULLING OUT LAYING DOWN 4 1/2" DRILL STRING TO RUN 7" INTERMEDIATE CASING
	8:15	9:00	0.75	DRLINT1	13		P	10,140.0	POOH STANDING BACK 15 STANDS OF 4 1/2" DRILL PIPE - NOTE: SAW SEVERAL OVER PULL SPIKES FROM: 9959' 40K, 9932' 45K, 9853' 50K, 9604' 30K, 9566' 30K, 9372' 30K, 9257' 30K - FLOW CHECKED WELL AT 8733', NO FLOW! PUMPED TRIP PILL
	9:00	14:45	5.75	DRLINT1	14		P	10,140.0	- CONTINUED TO POOH LAYING DOWN DRILL PIPE - NOTE: PULLED FREELY FROM 9257' BACK UP INTO THE 9 5/8" CASING SHOE AT 4083" - CONTINUED TO PULL OUT TO BHA AT 687'
	14:45	15:15	0.50	DRLINT1	14		P	10,140.0	RAN BACK IN WITH THE 15 STANDS FROM THE DERRICK ON THE BHA TO 2000'
	15:15	17:30	2.25	DRLINT1	14		P	10,140.0	CONTINUED TO POOH LAYING DOWN THE REST OF THE 4 1/2" DRILL STRING, LAID DOWN BHA
	17:30	18:00	0.50	DRLINT1	42		P	10,140.0	PULLED WEAR BUSH FROM WELL HEAD
	18:00	20:30	2.50	CASINT1	24		P	10,140.0	HELD PRETOUR SAFETY MEETING,(CLEANING OFF FLOOR) RIG OUT 4.5 TOOLS OFF FLOOR, RIG UP 3.5 TOOLS, PREPAIR FLOOR FOR RUNNING 7" CASING,
	20:30	6:00	9.50	CASINT1	24		P	10,140.0	HELD PRE JOB SAFETY MEETING WITH PD CREW, TESCO, ELPASO REP, (RIGGING UP AND RUNNING CASING) RIG UP TESCO CDS TOOLS, START JOB, PICK UP FLOAT SHOE, 1 SHOE JOINT, FLOAT COLLAR, AND THREAD LOCK ALL FLOAT EQUIPMENT, INSTALL STOP RINGS AND CENTRALIZERS ONE ON EACH OF THE FIRST 3 JOINTS, PUMP THROUGH AND TEST FLOATS (OK) INSTALL BOW SPRING CENTRALIZERS (FLOATING) EVERY THIRD JOINT (120' SPACING) RUN 7" 29# HCP 110 LTC CASING TO 2900' MADE UP FIRST 10 JOINTS AVERAGE TORQUE = 7940, TORQUE REST SAME, RUNNING SPEED = 1.5 MIN PER JOINT = 30' / MIN, FILL CASING EVERY 10 JOINTS,
2/14/2011	6:00	19:15	13.25	CASINT1	24		P	10,140.0	HELD SAFETY MEETING WITH CREW COMING ON TOUR AND TESCO,EL PASO REPS, (RUNNING of 7" CASING) CONTINUE TO RUN 7", 29#, HCP-110, LTC CASING AT 1.5 MIN / JT = 30' MIN, TORQUE: 7940 FT LBS, FILLING EVERY 10 JOINTS, FROM 2900' TO 4040' (SHOE), ESTABLISH BASELINE PRESSURE, = 320 PSI STRING WT = 100 K, UP Wt: 100K, DN WT: 100K STKS: 96, GPM: 283, AV: 240 FPM, CONTINUED TO RUN CASING TO 5800' - CIRCULATE AND CONDITION MUD, MIX LCM FOR PARTIAL LOSSES, THIN BACK THICK MUD IN ANNULUS, CONTINUED TO RUN CASING TO 9185' HOLE PULLED TIGHT, OVERPULL = 3OK, PRESURED UP TO 1000 PSI
	19:15	3:30	8.25	CASINT1	71		N	10,140.0	WORKED CASING STRING, CIRCULATE, WASH TILL PRESSURE CAME BACK TO 420 PSI - HAD TO WORK AND WASH EACH JOINT FROM 9185' / 10,013' - HOLE FREED UP FROM 10,013' / TD - TAGGED UP AT 10,138'
	3:30	4:00	0.50	CASINT1	15		P	10,140.0	WORK STRING WHILE CIRCULATING AND CONDITIONING MUD FOR CEMENTING OF 7" CASING STRING - NO LOSSES TO THE HOLE AFTER REACHING TD
	4:00	6:00	2.00	CASINT1	24		P	10,140.0	PULL AND LAY DOWN TAG UP JOINT OF CASING - PICK UP LANDING JONIT, MAKE UP SAME, LAND IN WELL HEAD
2/15/2011	6:00	6:15	0.25	CASINT1	41		P	10,140.0	HELD PREJOB SAFETY MEETING WITH PD CREW, SCHLUMBERGER CEMENTERS, ELPASO REPS,TESCO CASING CREW (LAYDOWN CDS CASING TOOLS, RIG UP CEMENTERS)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:15 7:45	1.50	CASINT1	24		P	10,140.0	FINISH LAYING DOWN TAG UPJOINT, REMOVE ROTATING HEAD RUBBER, PICKED UP LANDING JOINT, INSTALL CEMENTING HEAD, RIG DOWN CDS, RIG UP LONG BAILS AND 350 TON ELEVATORS, PLACE SAME AROUND 7" CASING - NOTE: RAN A TOTAL OF 212 JTS & 1 MAKER PUP (10,118') OF 7" 29# HCP-110 LTC - FROM GROUND LEVEL MEASUREMENT: TOPS OF MAKER PUP AT 5956', FLOAT COLLAR: 10,064' FLOAT SHOE: 10,111'
	7:45 8:15	0.50	CASINT1	15		P	10,140.0	CIRC AND CONDITION HOLE CLEAN,
	8:15 13:00	4.75	CASINT1	25		P	10,140.0	HELD PREJOB SAFETY MEETING WITH SCHLUMBERGER CEMENTERS AND PD CREW, SHUT DOWN CIRCULATING ON 7" CASING, RIG UP LINES TO CEMENTING HEAD AND TEST WITH LOW: 100 PSI, HIGH: 5000 PSI TEST GOOD, PUMP 20 BBLS OF MUD PUSH II AT 10.5 PPG, FOLLOWED WITH LEAD CMT: 330 SX's (234 Bbls) OF 11.0 PPG, EXTENDED LEAD DESIGN; YIELD = 3.99 CUFT / SK, M/W: 25.7 GALS / SK, WITH 2# / BBL OF CEMNET, FOLLOWED WITH 214 SK's (88 Bbls) OF 12.5 PPG, 15:85 POZ / G TAIL DESIGN CMT, YIELD = 2.30 CUFT / SK, M/W: 12.5 GALS/ SK, 2# BBL OF CEMENT, DROPPED TOP PLUG ON THE FLY, START DISPLACEMENT, PUMP 364 BBLS OF RESERVE PIT WATER, BUMP PLUG AT 12:05 HRS, HELD 2533 PSI FOR 15 MINS, BLEED OFF, FLOATS DID NOT HOLD, PRESSURED BACK UP TO 2680 PSI HELD FOR 15 MINS, FLOATS DID NOT HOLD, PUMPED 5 BBLS VOLUME BACK INTO WELL SHUT IN WITH 200 PSI AT CMT HEAD, AT 13:00 HRS 2/14/11 - RIG DOWN SCHLUMBERGER CEMENTERS, END JOB, NOTE: UPON DISPALCEMENT, LANDED CSG STRING AFTER 70 BBLS AWAY, AFTER 85 BBLS, LOST ALL RETURNS TO SURFACE, LOWERED DISPLACEMENT RATE FFROM 6 BPM TO 3 BPM, AT 175 BBLS SLOWED RATE TO 1.1 BPM, INCREASED RATE TO 4 BPM AT 180 BBLS, AT 192 BBLS HAD REGAINED FULL RETURNS TO SURFACE, AFTER 327 BBLS AWAY, LOST ALL RETURNS ONCE AGAIN, REDUCED RATE TO 2.2 BPM WITH OUT RETURNS TILL BUMPING PLUG!
	13:00 17:00	4.00	CASINT1	26		N	10,140.0	HELD PRESSURE ON CASING, WAIT ON CEMENT, RIG DOWN LONG BAILS AND 350 TON ELEVATORS, CLEAN FLOOR, RIG UP BAILS AND 3.5 ELEVATORS PICK UP TOOLS, LOAD RACKS WITH BHA, AND DIRECTIONAL TOOLS AND 3.5 DRILLPIPE AND STRAP, OD & ID ALL, WHILE WAITING ON CEMENT SAMPLES TO SET UP,
	17:00 18:00	1.00	CASINT1	42		P	10,140.0	BLEED OFF PRESSURE FROM CASING SLOWLY, LAID DOWN LANDING JOINT AND CEMENT HEAD, FLUSH CLEAN TOP OF 7" HANGER ASSEMBLY,
	18:00 19:30	1.50	DRLPRD	19		P	10,140.0	HELD PRETOUR SAFETY MEETING, (INSTALLING PACK OFF) INSTALLED PACK OFF AND PRESSURE TEST SAME TO 5,000 PSI FOR 15 MIN, TESTED GOOD,
	19:30 21:15	1.75	DRLPRD	19		P	10,140.0	HELD PREJOB SAFETY MEETING, (CHANGING PIPE RAMS) CHANGE OUT UPPER AND LOWER 4.5" DRILL PIPE RAMS TO 3.5" DRILL PIPE RAMS,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	21:15	5:30	8.25	DRLPRD	19		P	10,140.0	HELD SAFETY MEETING WITH WAETHERFORD TESTERS AND PD CREW, AND EL PASO REP, (TESTING BOPE), START JOB, RIG UP TEST PLUG, TEST UPPER AND LOWER PIPE RAMS / STABBING VALAE / INSIDE KILL / CHOKE MANUAL / OUTSIDE KILL / FOSV / IBOP / CHECK VALVE / 1ST VALVE TO MANIFOLD TO 250 / 10,000 PSI,TEST GOOD,TEST SURFACE CIRCULATING EQUIPMENT TO 250 / 4,000 PSI, TEST GOOD, TEST STANDPIPE AND ANNULAR TO 250 / 4,000 PSI, TEST GOOD, NOTE: WHILE WAITING ON 7" CSG CEMENT TO SET UP PRESSURE TESTED 10K CHOKE MANIFOLD ALL VALVES AND CHOKES TO LOW: 250 PSI, HIGH: 10,000 PSI, ALL TEST TESTED, OK! , ALL TEST RAN AT 10 MINUTES EACH!
	5:30	6:00	0.50	DRLPRD	14		P	10,140.0	MAKE UP 6.125 PDC ULTERRA MT1355, BIT PICK UP DIRECTIONAL TOOLS,
2/16/2011	6:00	6:15	0.25	DRLPRD	41		P	10,140.0	HELD PRETOUR SAFETY MEETING, (PICK UP DIR TOOLS,
	6:15	8:30	2.25	DRLPRD	14		P	10,140.0	PICK UP DIRECTIONAL TOOLS, SCRIB, MAKE UP EM TOOLS, PICK UP BHA TRIP IN TO 978'
	8:30	9:30	1.00	DRLPRD	42		P	10,140.0	CUT AND SLIP DRILLING LINE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM,
	9:30	15:45	6.25	DRLPRD	14		P	10,140.0	PICK UP 3.5" DRILL PIPE, FROM 928' TO 8977'
	15:45	16:45	1.00	DRLPRD	43		N	10,140.0	VISULY INSPECT TOP DRIVE AND DERRICK, REMOVE DAMAGED TURNBUKCLE FROM TORQUE TUBE REPLACE SAME,
	16:45	17:45	1.00	DRLPRD	14		P	10,140.0	PICK UP 3.5" DRILL PIPE FROM 8977' TO 9970' TAGGED UP AT 9970'
	17:45	18:00	0.25	DRLPRD	42		P	10,140.0	DRILL CEMENT STRINGERS FROM 9970' TO 9970',
	18:00	18:15	0.25	DRLPRD	42		P	10,140.0	HELD PRETOUR SAFETY MEETING, (DRILLING) DRILL CEMENT STRINGERS FROM 9970' TO 10070'
	18:15	19:00	0.75	DRLPRD	42		P	10,140.0	DRILL OUT HARD CEMENT FROM 10070' TO 10082' DRILL FLOAT CALLOR AT 10082', FLOAT SHOE AT 10128', DRILL 5' OF NEW HOLE,
	19:00	21:00	2.00	DRLPRD	15		P	10,140.0	CIRCULATE AND DISPLACE CASING VOLUME WITH MUD, VIS= 43, MWT 9.6,
	21:00	22:00	1.00	DRLPRD	33		P	10,140.0	HELD SAFETY MEETING WITH WEATHERFORD, PD CREW, ELPASO REPS, (PREFORM FIT) PREFORM FIT TEST APPLIED 3050 PSI AT SURFACE = EMW 15.3 = PRESSURE GRADIENT = O.8OO.
	22:00	1:45	3.75	DRLPRD	7		P	10,140.0	DRILLED 6.125 HOLE FROM 10140' TO 10182' = (42') IN 3.75 HRS = 11.2' / HR, WOB 15 K, RPM AT BIT=92, GPM = 176, SPP: 1595 PSI, TORQUE= 3470 FTLBS
	1:45	2:00	0.25	DRLPRD	41		P	10,182.0	HELD BOP DRILL, WELL SECURE IN 102 SEC, FUNCTION TEST ANNULAR 21 SEC C /O, GET RSPP,
	2:00	6:00	4.00	DRLPRD	7		P	10,182.0	DRILLED 6.125 HOLE FROM 10,182' TO 10,250' = (68') IN 4 HRS = 17' / HR, WOB 15 K, RPM AT BIT=92, GPM = 176, SPP: 1595 PSI, TORQUE= 3470 FTLBS, NOTE: RUNNING MINIMUM RPM's AND GPM's, TILL ALL TBR'S CLEAR 7" CASING SHOE AT 10,128' - WILL INCREASE RPM's AND GPM's WHEN THE TOP OF THE TBR ARE OUT OF CASING SHOE
2/17/2011	6:00	7:00	1.00	DRLPRD	8		P	10,250.0	DRILLED 6.125 HOLE FROM 10250' TO 10279' = (29') IN 1 HR = 29' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 2770 PSI, TORQUE= 6400 FTLBS,
	7:00	7:15	0.25	DRLPRD	41		P	10,279.0	HELD BOP DRILL AT 10279' = WELL AND MEN SECURE IN 96 SECONDS,
	7:15	11:15	4.00	DRLPRD	8		P	10,279.0	DRILLED 6.125 HOLE FROM 10279' TO 10374' = (95') IN 4 HR = 23.7' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 2770 PSI, TORQUE= 6400 FTLBS,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	11:15	11:30	0.25	DRLPRD	12		P	10,379.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM,
	11:30	2:00	14.50	DRLPRD	8		P	10,379.0	DRILLED 6.125 HOLE FROM 10379' TO 10755' = (376') IN 14.5 HR = 25.9' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 2770 PSI, TORQUE= 6400 FTLBS,HELD PRETOUR SAFETY MEETING 1800 HRS TO 1815 HRS
	2:00	2:15	0.25	DRLPRD	12		P	10,755.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION TEST LOWER PIPE RAMS 15 SECONDS TO CLOSE,
	2:15	6:00	3.75	DRLPRD	8		P	10,755.0	DRILLED 6.125 HOLE FROM 10755' TO 10851' = (96') IN 3.75 HR = 25.6' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 2770 PSI, TORQUE= 6400 FTLBS,
2/18/2011	6:00	12:45	6.75	DRLPRD	8		P	10,851.0	DRILLED 6.125 HOLE FROM 10851' TO 11041' = (190') IN 6.75 HR = 28.1' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3180 PSI, TORQUE= 6400 FTLBS,
	12:45	13:00	0.25	DRLPRD	12		P	11,041.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION ANNULAR 21 SECONDS TO CLOSE,
	13:00	23:15	10.25	DRLPRD	8		P	11,041.0	DRILLED 6.125 HOLE FROM 11041' TO 11326' = (285') IN 10.25 HR = 27.8' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3062 PSI, TORQUE= 6918 FTLBS, HELD PRETOUR AND HANDOVER SAFETY MEETING 18:00 HRS TO 18:15 HRS
	23:15	23:30	0.25	DRLPRD	12		P	11,326.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION HCR VALVE 10 SECONDS TO CLOSE,
	23:30	6:00	6.50	DRLPRD	8		P	11,325.0	DRILLED 6.125 HOLE FROM 11325' TO 11490' = (165') IN 6.5 HR = 25.3' / HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3180 PSI, TORQUE= 7200 FTLBS,
2/19/2011	6:00	11:15	5.25	DRLPRD	7		P	11,490.0	DRILLED 6.125 HOLE FROM 11490' TO 11612' = (122') IN 5.25 HRS = 23'/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3240 PSI, TORQUE= 7200 FTLBS,
	11:15	11:30	0.25	DRLPRD	12		P	11,612.0	RIG SERVICE
	11:30	1:15	13.75	DRLPRD	7		P	11,612.0	DRILLED 6.125 HOLE FROM 11612' TO 11897' = (285') IN 13.75' HRS =20.7 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3240 PSI, TORQUE= 7200 FTLBS,
	1:15	1:30	0.25	DRLPRD	12		P	11,897.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION ANNULAR 21 SECONDS TO CLOSE,
	1:30	6:00	4.50	DRLPRD	8		P	11,897.0	DRILLED 6.125 HOLE FROM 11897' TO 11994' = (97') IN 4' HRS =24.25 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3240 PSI, TORQUE= 7200 FTLBS,
2/20/2011	6:00	10:45	4.75	DRLPRD	7		P	11,994.0	DRILLED 6.125 HOLE FROM 11994' TO 12089= (95') IN 4.75' HRS =20'/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS
	10:45	11:00	0.25	DRLPRD	12		P	12,089.0	RIG SERVICE
	11:00	22:30	11.50	DRLSURF	7		P	12,098.0	DRILLED 6.125 HOLE FROM 12089' TO 12279'= (190') IN 11.5 HRS =16.5'/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	22:30	22:45	0.25	DRLPRD	12		P	12,279.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION HCR LOWER PIPE RAMS 10 SECONDS TO CLOSE,
	22:45	6:00	7.25	DRLPRD	7		P	12,279.0	DRILLED 6.125 HOLE FROM 12279' TO 12365'= (86') IN 7.25 HRS =12.2'/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS
2/21/2011	6:00	7:45	1.75	DRLPRD	15		P	12,365.0	CIRCULATE 2 BOTTOMS UP PRIOR TO TRIP FOR BIT. ROP SLOWED DOWN TO 6'/HR. OFF BOTTOM PRESSURE=3000. OFF BOTTOM TORK=6900 255GPM
	7:45	8:00	0.25	DRLPRD	41		P	12,365.0	FLOW CHECK, WELL FLOWING, PREPARE TO INCREASE WT.
	8:00	9:45	1.75	DRLPRD	15		P	12,365.0	CIRCULATE AND RAISE MUD WEIGHT FROM 11.3 HEAVY TO 11.5 PPG
	9:45	15:00	5.25	DRLPRD	13		P	12,365.0	PUMP PILL, PULL 10 STANDS, FLOW CHECK, WELL SECURE, CONTINUE TRIP OUT OF HOLE. FLOW CHECKS @ 11413', 6140', 900', @ SURFACE. FUNCTION BLIND RAMS, 4 SEC TO CLOSE
	15:00	16:30	1.50	DRLPRD	13		P	12,365.0	CHANGE BIT, MOTOR AND SCRIBE MWD,
	16:30	21:15	4.75	DRLPRD	13		P	12,365.0	TRIP IN HOLE FROM SURFACE TO SHOE 10128' FILL EVERY 2000', HELD PRETOUR SAFETY MEETING, 1800HR TO 1815 HRS,
	21:15	21:30	0.25	DRLPRD	41		P	12,365.0	HELD PREJOB SAFETY MEETING, (CUT AND SLIP DRILLINE)
	21:30	22:30	1.00	DRLPRD	17		P	12,365.0	SLIP AND CUT DRILLINE (9 WRAPS)
	22:30	23:45	1.25	DRLPRD	13		P	12,365.0	TRIP IN HOLE FROM 10128' TO 12095', PRECAUTIONARY WASH AND REAM FROM 12095' TO 12365', (3 STANDS)
	23:45	6:00	6.25	DRLPRD	7		P	12,365.0	DRILLED 6.125 HOLE FROM 12365' TO 12490'= (125') IN 6.25 HRS =20 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS
2/22/2011	6:00	11:15	5.25	DRLPRD	7		P	12,490.0	DRILLED 6.125 HOLE FROM 12490' TO 12656'= (166') IN 5.25HRS =32 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3320 PSI, TORQUE= 7800 FTLBS
	11:00	11:15	0.25	DRLPRD	12		P	12,656.0	RIG SERVICE
	11:30	3:30	16.00	DRLPRD	7		P	12,656.0	DRILLED 6.125 HOLE FROM 12656' TO 13132'= (476') IN 16 HRS =29.7 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3500 PSI, TORQUE= 8100 FTLBS, HELD PRETOUR SAFETY MEETING, FROM 1800 HRS TO 1815 HRS,
	3:30	3:45	0.25	DRLPRD	12		P	13,132.0	RIG SERVICE, CHECK BOLTS ON DEADMAN ANCHOR, CHECK BRAKES AND LINKAGE, FUNCTION TEST CROWNSAVER, AND CHECK EXTEND ALARM, FUNCTION ANNULAR 21 SECONDS TO CLOSE,
	3:45	4:45	1.00	DRLPRD	8		P	13,132.0	DRILLED 6.125 HOLE FROM 13132' TO 13145'= TD (13') IN .75 HRS =17.3 '/HR, WOB 15 K, RPM AT BIT=148, GPM = 251, SPP: 3500 PSI, TORQUE= 8100 FTLBS,
	4:45	6:00	1.25	DRLPRD	15		P	13,145.0	CIRCULATE AND CONDITION HOLE FOR WIPER TRIP,
2/23/2011	6:00	6:30	0.50	DRLPRD	15		P	13,145.0	CONTINUE CIRCULATE BOTTOMS UP
	6:30	9:00	2.50	DRLPRD	13		P	13,145.0	PUMP PILL, PULL 10 STANDS, FLOW CHECK WELL SECURE, CONTINUE SHORT TRIP TO SHOE, FLOW CHECK WELL SECURE. TRIP IN HOLE TO 12974' WELL IN GOOD SHAPE, NO TIGHT SPOTS. STRING WT 198K, MAX DRAG 20-30K
	9:00	9:15	0.25	DRLPRD	16		P	13,145.0	PRECAUTIONARY REAM FROM 12974' TO 13145' NO FILL, HOLE IN GOOD SHAPE
	9:15	11:15	2.00	DRLPRD	15		P	13,145.0	CIRCULATE 2 BOTTOMS UP
	11:15	16:15	5.00	DRLPRD	13		P	13,145.0	PUMP PILL, TRIP OUT OF HOLE, FOW CHECKS AT 12195', 6527' 900' SURFACE. HOLE IN GOOD SHAPE, NO TIGHT SPOTS
	16:15	17:00	0.75	DRLPRD	13		P	13,145.0	LAY OUT DIRECTIONAL TOOLS, WELL SECURE, FUNCTION BLIND RAMS, 4 SEC TO CLOSE
	17:00	18:00	1.00	DRLPRD	42		P	13,145.0	CLEAN FLOOR AND CATWALK, SPOT IN HALLIBURTON LOGGERS,

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	18:00 18:15	0.25	DRLPRD	41		P	13,145.0	HELD PRETOUR SAFETY MEETING, HELD SAFETY MEETING WITH PD CREW, ELPASO REP, HALLIBURTON LOGGERS, (RIGGING UP AND RUNNING WIRE LINE LOGS)
	18:15 2:45	8.50	EVLPRD	22		P	13,145.0	RIG UP AND RUN WIRE LINE LOGS WITH HALLIBURTON RAN: SPECTRAL DENSITY, DUAL SPACED NEUTRON, ARRAY COMPENSATED TRUE RESISTIVITY, WAVE SONIC CROSS DIPOLE, LOGGERS WIRE LINE DEPTH OF HOLE 13,150', 7" CASING SHOE: 10,125" WL - RIG DOWN LOGGERS,
	2:45 6:00	3.25	DRLPRD	53		N	13,145.0	TROUBLE, WHILE PREPARING TO RIG DOWN LOGGERS, HALLIBURTON HAND DROPPED A 1" THREADHALF, SWEDGE DOWN TO A 3/8 INCH AIR CHUCK DOWN THE HOLE WEDGING BETWEEN CASING AND LOGGING TOOL, UNABLE TO MOVE TOOLS UP OR DOWN, WAIT ON FISHER MAN,
2/24/2011	6:00 11:30	5.50	DRLPRD	53		N	13,145.0	WAITING ON ORDERS TO RETRIEVE FISH ON TOP OF LOGGING TOOLS 50' BELOW BOPs
	11:30 13:30	2.00	DRLPRD	53		N	13,145.0	PRE JOB SAFETY MEETING ON HANGING WIRE LINE SHEAVE, HANG HALLIBURTON SHEAVE, SET TBAR AS PER SLAUGH FISHING HAND
	13:30 14:00	0.50	DRLPRD	53		N	13,145.0	WAIT ON ORDERS TO PERFORM FISHING JOB
	14:00 15:30	1.50	DRLPRD	53		N	13,145.0	HAVE PRE JOB SAFETY MEETING MAKING UP SLAUGH FISHING BHA, PICK UP MAKE UP FISHING BHA. PICK UP ONE STAND 4 3/4" DRILL COLLARS AND RIH TO TOP OF WIRE LINE TOOL AT 43'. SET COLLARS ON WIRE LINE TOOL, CLOSE BUMPER SUB (2' STROKE). WHEN BUMPER SUB CLOSED THE WIRE LINE TOOL RELEASED FROM FISH. APPROXIMATELY 6 TO 8K WEIGHT TO RELEASE WEADGED WIRE LINE TOOL.
	15:30 18:00	2.50	DRLPRD	53		N	13,145.0	RACK BACK DRILL COLLARS PICK UP 75' OF SUCKER ROD WITH MAGNET, TRY TO CATCH FISH. INITIALLY WE COULD NOT RETRIEVE THE FISH WITH THE MAGNET SO WE ENDED UP WORKING THE TOOL WITH WIRE LINE TRUCK AT 4K UP AND TOOL WEIGHT DOWN (2100LBS) SEVERAL TIMES AND INCHED THE TOOL UP AND INSIDE THE BOPs. WHEN WE HAD THE 4.5" OD PART OF THE TOOL INSIDE THE BOPs WE USED WITH THE MAGNET AND SUCKER RODS. AFTER ABOUT 4 ATTEMPTS OF FEELING THE FISH WITH MAGNET WE FINALLY SAW THE FISH ON THE END OF MAGNET AND CAREFULLY PULLED IT TO SURFACE.
	18:00 20:00	2.00	DRLPRD	53		N	13,145.0	HELD SAFETY MEETING WITH HALLIBURTON, PD CREW, SLAUGH FISHING, (LAYING DOWN TOOLS) LAY DOWN LOGGING TOOLS, RIG DOWN LOGGERS, RIG DOWN SLAUGH FISHING TOOLS, CLEAN AND PREP FLOOR TO RUN LINER, (END FISHING JOB AT 20:00 HRS ON 02/23/2011)
	20:00 20:15	0.25	CASPRD1	41		P	13,145.0	HELD SAFETY MEETING WITH PD CREW, ELPASO REP, WEATHERFORD, HALLIBURTON, (RIGGING UP AND RUNNING LINER)
	20:15 6:00	9.75	CASPRD1	24		P	13,145.0	START JOB, MAKE UP AND BAKER LOCK FLOAT SHOE, FLOAT COLLAR, LAND COLLAR, WITH 3 JOINT SHOE TRACK, INSTALL TURBARLIZER IN CENTER OF THE FIRST 3 JOINTS, SHOE TRACK LENGTH = 128' VOLUME = 1.9 BBLS, RAN 49 JOINTS OF CASING = 2028.62', INSTALLED MARKER JOINT = 20.73, MARKER JOINT SETTING DEPTH WILL BE AT 10985' RAN 25 JOINTS CASING = 1031' WITH FLOATING TURBARLIZER EVERY OTHER JOINT, INSTALL HANGER ASSYMBLY = 34.9', TOTAL LENGTH = 3221.9, PICK UP 1 STAND OF DRILLPIPE, INSTALL ROTATING HEAD, CIRCULATE 1 CASING VOLUME, CONTINUE TO RUN CASING LINER IN HOLE, DEPTH AT REPORT TIME = 8307'

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
2/25/2011	6:00	7:45	1.75	CASPRD1	24		P	13,145.0	CONTINUE TO RIH HOLE WITH 4.5" PRODUCTION LINER F/ 8300' TO 10165'
	7:45	9:00	1.25	CASPRD1	15		P	13,145.0	CIRCULATE BOTTOMS UP AT SHOE, ESTABLISH BASE LINE. 865 PSI 178K UP AND 170K DOWN CIRCULATING AT 62SPM (150GPM)
	9:00	11:30	2.50	CASPRD1	24		P	13,145.0	CONTINUE TO RIH HOLE WITH 4.5" PRODUCTION LINER F/ 10165' TO 12500'
	11:30	13:00	1.50	CASPRD1	16		P	13,145.0	PRECAUTIONARY WASH AND REAM LAST 3 STANDS TO BOTTOM. (13,145') CIRCULATE AT RATE OF 62 SPM, 150GPM, PRESSURE WAS 1800-2000 PSI WHILE WORKING STRING. 220K UP, 140K DOWN. NOTE: RAN A TOTAL OF 77 JTS AND 1 MARKER PUP JT OF 4 1/2" 13.5# P-110, LTC WITH TURBOLIZERS ON EVERY OTHER JOINT. MARKER JT SET @ 10982' LANDING COLLAR: 13012', SHOE: 13,140'
	13:00	17:00	4.00	CASPRD1	15		P	13,145.0	CIRCULATE TWO BOTTOMS UP PRESSURE REDUCED TO 1400PSI WITH SAME GPM. AFTER SECOND BOTTOMS UP PRESSURE SETTLED TO 1250PSI WITH 190K UP AND 170K DOWN. HAVE PRE JOB SAFETY MEETING WITH SCHLUMBERGER CEMENTERS AND HALLIBURTON LINER HANGER HANDS.
	17:00	17:30	0.50	CASPRD1	25		P	13,145.0	RIG UP CEMENT / LINER HANGER HEAD AND PUMP 5 BBLS WATER AND PRESSURE TEST LINES TO 8500PSI
	17:30	19:15	1.75	CASPRD1	25		P	13,145.0	PUMPED 30 BBLS 13 PPG MUD PUSH. MIXED AND PUMPED 292 SACKS OR 80 BBLS OF SLURRY WELL BOND CEMENT: YIELD: 1.53 CUFT / SK, M/W: 6.824 GALS / SK, DENSITY: 14.10 PPG - WASH OUT LINES TO PITS - DROPPED DART (18:15HRS) DISPALCED SAME WITH 10 BBLS OF RETARER WATER FOLLOWED BY 36.5 BBLS OF FRESH WATER, THEN 10 BBLS MUD PUSH 13 PPG, PUMPED 73 BBLS OF CLEAN MUD 11.5 PPG, BUMPED PLUG WITH 3500 PSI, AT 19:00 HRS 02/24/2011, HELD PRESSURE ON FLOATS FOR 15 MINUTES, OK HAD 1 BARREL BACK, FLOATS HELD! NOTE: HAD GOOD RETURNS THRU OUT MIXING AND DISPALCING OF CEMENT -
	19:15	19:45	0.50	CASPRD1	24		P	13,145.0	DROPPED LINER HANGER PACKER SETTING BALL AND PUMP DOWN. PRESSURED UP AND RUPTURE DISC AT 5150 PSI. CONTINUE TO PUMP ON BALL, SEAT BALL, PRESSURE UP TO 5300 PSI.
	19:45	20:00	0.25	CASPRD1	24		P	13,145.0	RELEASE FROM LINER AS PER HALLIBURTON TECH. PULLED 280K (100K OVER STRING WT) COME BACK DOWN TO 60K HOOK LOAD. PULLED BACK UP TO 240K, TOOL DID NOT RELEASE. SECOND ATTEMPT PULL UP TO 250K SET DOWN TO 45K PUT STRING IN SLIPS AND TURNED 1/4 TURN TO THE RIGHT. PULL UP TO 25' STRING WT OF 160K. LINER WAS RELEASED OK. LINER SET AT 13,140' MEASURED DEPTH FROM RKB
	20:00	21:30	1.50	CASPRD1	15		P	13,145.0	CIRCULATE 2 BOTTOMS UP WITH DRILLING MUD. SEEN 40 BBLS OF MUD PUSH II, AND DID NOT SEE ANY CEMENT BACK TO SURAFCE!
	21:30	21:45	0.25	CASPRD1	24		P	13,145.0	CLOSED LOWER DRILL PIPE RAMS - SCHLUMBERGER PREFORMED A POSITIVE PRESSURE TEST ON THE 4 1/2" LINER HANGER WITH 1500 PSI FOR 10 MINUTES, TEST WAS GOOD,
	21:45	22:45	1.00	CASPRD1	15		P	13,145.0	ROLL MUD OVER TO FRESH WATER AT TOP OF LINER HANGER AT 10,226' GL
	22:45	23:00	0.25	CASPRD1	24		P	13,145.0	PULL ROTATING HEAD AND PREFORMED A NEGATIVE PRESSURE TEST, 10 MINUTES, NO FLOW TEST GOOD,
	23:00	23:45	0.75	CASPRD1	24		P	13,145.0	HELD SAFETY MEETING, RIG DOWN SCHLUMBERGER AND HALLIBURTON, TOOLS,

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	23:45	6:00	6.25	DRLPRD	42		P	13,145.0	LAY DOWN DRILLPIPE,
2/26/2011	6:00	6:45	0.75	CASPRD1	13		P	13,145.0	LAY DOWN 300' OF 3 1/2" DRILL PIPE
	6:45	8:15	1.50	CASPRD1	13		P	13,145.0	TRIP IN HOLE WITH PIPE AND DRILL COLLARS LEFT IN DERRICK TO 3100'
	8:15	12:00	3.75	CASPRD1	13		P	13,145.0	LAY DOWN 3 1/2" DRILL PIPE AND 4 3/4" DRILL COLLARS
	12:00	12:15	0.25	CASPRD1	42		P	13,145.0	LAY DOWN ALL 3 1/2" FLOOR EQUIPMENT
	12:15	13:45	1.50	CASPRD1	37		P	13,145.0	HAVE PRE JOB SAFETY MEETING WITH BAKER WIRE LINE. RIG UP WIRE LINE, MAKE UP BAKER BRIDGE PLUG, FEB 25TH @ 13:00 HRS BAKER BRIDGE PLUG WAS SET AT 1990' MEASURED FROM GROUND LEVEL! RIG OUT WIRE LINE TRUCK
	13:45	14:30	0.75	CASPRD1	19		P	13,145.0	PRESSURE TEST BRIDGE TO 2000 PSI FOR 10 MIN. O.K.
	14:30	15:00	0.50	CASPRD1			P	13,145.0	FLUSH OUT ALL SURFACE EQUIPMENT WITH WATER AND BLOW OUT WITH AIR
	15:00	15:45	0.75	CASPRD1	17		P	13,145.0	PICK UP JOINT DRILL PIPE, SLIP 9 WRAPS OF DRILL LINE
	15:45	20:00	4.25	CASPRD1	23		P	13,145.0	PRE JOB SAFETY MEETING ON CHANGING OUT PIPE RAMS. CHANGE OUT 3 1/2" PIPE RAMS TO 4 1/2"
	20:00	0:00	4.00	RDMO	2		P	13,145.0	NIPPLE DOWN BOP,FLOWLINE, ROTATING HEAD, HCR VALVE AND LINES, SCAFFOLDING, KILL LINE AND VALVES, BREAK NUTS LOSOSE WITH WEATHERFORD,
	0:00	1:00	1.00	RDMO	2		P	13,145.0	HELD SAFETY MEETING (LAYING DOWN BOPE) LAY OUT HYDRIL AND DOUBLE GATE ASSEMBLY
	1:00	3:30	2.50	RDMO	2		P	13,145.0	LAY OUT B SECTION AND PICK UP WELL HEAD AND NIGHT CAP, TORQUE BOLTS WITH WEATHERFORD, PULL OLD PACK OFF AND INSTALL NEW PACK OFF,
	3:30	5:00	1.50	RDMO	2		P	13,145.0	REMOVE FLOWLINE OUT FROM UNDER SUB, AND RIG DOWN GAS BUSTER LINES,
	5:00	6:00	1.00	RDMO	2		P	13,145.0	HELD SAFETY MEETING (RIGGING DOWN) RIG DOWN TOP DRIVE, RIG FLOOR, CLEAN MUD TANKS,
2/27/2011	6:00	11:15	5.25	RDMO	2		P	13,145.0	PRE JOB SAFETY MEETING, RIG DOWN TOP DRIVE
	11:15	18:00	6.75	RDMO	2		P	13,145.0	RIG OUT FLOOR, PREPARE DERRICK FOR LOWERING, TIE UP KELLY HOSE,BRIDAL UP, RIG OUT CATWALK, PREFABS, REMOVE TUGGERS, CHAIN DOWN DRAWWORKS. WEST ROC TRUCKING HAD ONE FORK LIFT AT EACH END, 2 BED TRUCKS, 1 HAUL TRUCK. HAULED ALL TUBULARS, PIPE RACKS, TESCO UNIT, FLARE PIT, MISC JUNK BASKETS AND BOP EQUIPMENT.
	18:00	6:00	12.00	RDMO	2		P	13,145.0	HELD PRE TOUR SAFETY MEETING (RIGGING DOWN) CONTINUE TO RIG DOWN, LOWER DERRICK RIG DOWN POWER / WATER / STEAM LINES/, PREPAIR REST OF RIG FOR MOVE, RIG RELEASED @ 06:00 HRS FEB 27TH 2011

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	SPRATT 3-26B5		
Project	ALTAMONT FIELD	**Site**	SPRATT 3-26B5
Rig Name/No.	BASIC/1657	**Event**	COMPLETION LAND
Start Date	3/7/2011	**End Date**	
Spud Date	6/29/2010	**UWI**	SPRATT 3-26B5
Active Datum	KB @6,158.0ft (above Mean Sea Level)		
Afe No./Description	144437/39052 / SPRATT 3-26B5		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
3/8/2011	6:00	7:00	1.00	WBP	18		P		SDFN
	7:00	7:30	0.50	MIRU	28		P		HELD SAFETY MEETING. ON RD RIG AND MOVING
	7:30	9:30	2.00	MIRU	1		P		MOVED RIG FROM THE 3-14C6 TO THE 3-26B5 SPOTTED IN RIG
	9:30	12:30	3.00	WHDTRE	16		P		WAIT ON ANCHORS NU BOPS
	12:30	14:00	1.50	MIRU	1		P		RU RIG AND RUN PUMP LINES
	14:00	16:00	2.00	INSTUB	24		P		PU AND TALLIED RET HEAD AND 63-JTS 2 7/8 N-80 EUE TBG. LATCHED ONTO PLUG @ 2016'. RELEASED PLUG TOOH W/ TBG AND PLUG
	16:00	18:30	2.50	INSTUB	24		P		UNLOADED DRILL COLLARS. PU AND TALLIED 3.750 BLADED MILL, BIT SUB, 4 3 1/8 DC, X-OVER, 65-JTS 2 3/8 N-80 EUE TBG. EOT @ 2187'. SECURED WELL SDFN.
	18:30	6:00	11.50	WBP	18		P		SDFN
3/9/2011	6:00	7:00	1.00	WBP	18		P		SDFN
	7:00	7:30	0.50	INSTUB	28		P		HELD SAFETY MEETING ON PICKING UP TBG.
	7:30	15:30	8.00	INSTUB	24		P		CONTINUED PU AND TALLYING TBG RIH W/ 36-JTS 2 3/8 N-80 EUE TBG,X-OVER AND 301-JTS 2 7/8 N-80 EUE TBG TAGGED FILL @ 12934'
	15:30	17:30	2.00	WBP	10		P		RU POWER SWIVEL EOT @ 12930' REVERSED CIRC W/ 100 BBLS 2% KCL. PU ON TBG EOT @12890' SECURED WELL SDFN.
	17:30	6:00	12.50	WBP	18		P		SDFN
3/10/2011	6:00	7:00	1.00	WBP	18		P		SDFN
	7:00	7:30	0.50	WBP	28		P		HELD SAFETY MEETING ON POWER SWIVEL
	7:30	17:30	10.00	WBP	10		P		RIH. GOT REVERSE CIRCULATION @ 500 PSI AND 2.5 BPM.STARTED DRILLING @ 12934' DRILLED THRU FLAOT COLLAR @ 13028' (TBG TALLY) DRILLED HARD CEMENT TO 13115'. CIRC WELL BORE CLEAN W/ 425 BBLS 2%KCL
	17:30	18:30	1.00	PRDHEQ	24		P		RD POWER SWIVEL. LD 15-JTS 2 7/8 N80 EUE TBG. EOT @12650' SECURED WELL SDFN
	18:30	6:00	11.50	WBP	18		P		SDFN
3/11/2011	6:00	7:00	1.00	WBP	18		P		SDFN
	7:00	7:30	0.50	PRDHEQ	24		P		HELD SAFETY MEETING ON LAYING DOWN TBG

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:30	16:00	8.50	PRDHEQ	24		P		CONTINUE LAYING DOWN TBG, 292-JTS 2 7/8 N-80,X-OVER,101JTS 2 3/8 N-80 EUE TBG.X-OVER, 4-3 1/8 DC,BIT SUB AND 3 3/4 BLADED MILL.
	16:00	17:30	1.50	RDMO	2		P		RD RIG FLOOR. RD RIG SECURED WELL
	17:30	6:00	12.50	RDMO	18				SDFN
3/12/2011	7:00	7:30	0.50	WLWORK	23		P		HELD SAFETY MEETING ON WIRELINE SAFETY
	7:30	17:30	10.00	WLWORK	37		P		RU HALLIBURTON RAN HOSTILE DAUL SPACED NEUTRON LOG LOG FROM PBTD 13118' TO LINER TOP @ 9908' MADE TWO PASSES @ 30' PER MIN. RAN CCL CEMENT BOND LOG FROM PBTD TO CEMENT TOP @7640' .WHILE HOLDING 1500 PSI ON CSG.
	17:30	19:00	1.50	RDMO	2		P		RD HALLIBURTON CLEANED LOCATION RELEASED WIRELINE EQUIPMENT SECURED WELL SDFN.
3/13/2011									NO ACTIVITY
3/14/2011									NO ACTIVITY
3/15/2011	7:00	7:30	0.50	WHDTRE	18		P		HELD SAFETY MEETING ON PRESSURE TESTING CSG
	7:30	9:30	2.00	WHDTRE	18		P		RU B&C QUICK TEST AND HOTOILER PRESSUERED WELL UP TO 4000 PSI W/ HOT OILER, PRESSURED UP TO 8500 PSI W/ B&C, MONITORED WELL FOR 1/2HOUR NO LEAK OFF. STARTED FILLING FRAC TANKS
	9:30	15:00	5.50	SITEPRE	18				MOVEDTBG TO SIDE OF LOCATION PLUMB IN FLOW LINE TO TREATER, RUFLOW BACK EQUIP TO FLOW BACK TANKS.CONTINUED HAULING WATER
	15:00	19:00	4.00	STG01	18		P		CONTINUED HAULING WATER. SDFN
3/16/2011	7:00	7:30	0.50	STG01	18		P		HELD SAFETY MEETING DRIVING
	7:30	15:30	8.00	STG01	18		P		FINISHED FILLING FRAC TANKS
3/17/2011	7:00	7:30	0.50	STG01	28		P		HELD SAFETY MEETING ON PERFORATING AND HEATING FRAC TANKS.
	7:30	11:00	3.50	STG01	21		P		RU LONE WOLF WIRELINE. PERFORATED STAGE 1 FROM 12352' TO 12158'. 63 HOLES. USING 2 3/4" HSC GUNS W/ 15 GM CHARGES. 3JSFP AND 120 DEGREE PHASING.1-RUN. CORRELATED TO HALLIBURTONS CBL DATED 11-MAR-2011. STARTING PRESSURE 1000 PSI FINAL PRESSURE 750 PSI
	11:00	12:30	1.50	STG01	42		P		WAIT ON STINGER AND BJ.
	12:30	17:30	5.00	STG01	18		P		MIRU STINGERS WELLHEAD ISOLATION TOOL STARTED SPOTTING IN SOME OF BJ'S FRAC EQUIPMENT. FINISHED HEATING FRAC WATER. SDFN
3/18/2011	6:00	6:30	0.50	STG01	18		P		HELD SAFETY MEETING ON RU FRAC EQUIPMENT
	6:30	8:30	2.00						FINISHED SPOTTING AND RU BJ FRAC EQUIPMENT
	8:30	11:00	2.50	STG01	35		P		HELD SAFETY MEETING ON PUMPING PROCEDURES. PRESSURE TEST LINES @9100 PSI. BREAK DOWN STAGE #1 PERFS 12352'-12158' 63 HOLES. @ 4172 PSI 5BPM.TREATED PERFS W/ 5000 GALS 15%DISPLACED 10 BBLS PAST BTM PERF W/415 BBLS.AVG RATE 22.8 BPM, MAX RATE 41.6, AVG PRESS 5110 PSI MAX PRESS 6050. I.S.I.P. 4178 PSI, 5MIN 3978 PSI, 10MIN 3838 PSI, 15 MIN 3720 PSI. F.G. .77. PUMPED 6,500 LBS WHITE 100 MESH IN 1/2 PPG STAGE AND 140,289 LBS CARBONRT 20/40. IN 1#, 2#, 3# AND 4# STAGES. ON FLUSH PUMPED 5000 GALS 15% HCL TTL FLUSH WAS 402 BBLS. AVG RATE 41.1 BPM, MAX RATE 49.2 BPM. AVG PRESS 5653, MAX PRESS 6289. I.S.I.P. 4543 PSI, 5 MIN 4311 PSI. 10 MIN 4212 PSI, 15 MIN 4148. SHUT WELL IN. BBLS TO RECOVER 3005.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	11:00	12:30	1.50	STG02	21		P		RU LONE WOLF WIRELINE. SET CFP 12140' W/ 3900 PSI PERFORATED STAGE #2 FROM 12114' TO 11933'. 63 HOLES. USING 2 3/4" HSC GUNS W/ 15 GM CHARGES. 3JSFP AND 120 DEGREE PHASING.1-RUN. CORRELATED TO HALLIBURTONS CBL DATED 11-MAR-2011. STARTING PRESSURE 3900 PSI FINAL PRESSURE 3900 PSI
	12:30	14:30	2.00	STG02	35		P		PRESSURE TEST LINES @7500 PSI. BREAK DOWN STAGE #2 PERFS 12114'-11933' 63 HOLES. @ 5007 PSI 5 BPM. PUMPED 63.8 BBLS FOR STEP TEST.AVG RATE 20.1 BPM, MAX RATE 27.7, AVG PRESS 5567 PSI MAX PRESS 6320. I.S.I.P. 4610 PSI, 5MIN 3910 PSI, EQUALIZED W/ STAGE 1 @ 3750 PSI THRU CFP. PUMPED 6,500 LBS WHITE 100 MESH IN 1/2 PPG STAGE AND 150,788 LBS CARBOLITE 20/40. IN 1#, 2#, 3# AND 4# STAGES.ON FLUSH PUMPED 5000 GALS 15%HCL ACID TTL FLUSH 396 BBLS. AVG RATE 40 BPM, MAX RATE 40.7 BPM. AVG PRESS 5622, MAX PRESS 6733. I.S.I.P. 5523 PSI, 5 MIN 4639 PSI. 10 MIN 4527 PSI, 15 MIN 4474. SHUT WELL IN. BBLS TO RECOVER 2662.
	14:30	15:30	1.00	STG03	21		P		RU LONE WOLF WIRELINE. SET CFP 11920' W/ 4100 PSI PERFORATED STAGE #3 FROM 11903' TO 11696'. 63 HOLES. USING 2 3/4" HSC GUNS W/ 15 GM CHARGES. 3JSFP AND 120 DEGREE PHASING.1-RUN. CORRELATED TO HALLIBURTONS CBL DATED 11-MAR-2011. STARTING PRESSURE 4100 PSI FINAL PRESSURE 4100 PSI
	15:30	17:00	1.50	STG03	35		P		BREAK DOWN STAGE #3 PERFS 11903 '-11920' 63 HOLES. @ 5768 PSI 6.8 BPM. PUMPED 39 BBLS FOR STEP TEST.AVG RATE 21 BPM, MAX RATE 28, AVG PRESS 6175 PSI MAX PRESS 7515. I.S.I.P. 3919 PSI, EQUALIZED W/ STAGE 2 @ 3919 PSI THRU CFP. PUMPED 6,500 LBS WHITE 100 MESH IN 1/2 PPG STAGE AND 129,207 LBS CARBONRT 20/40. IN 1#, 2#, 3# AND 4# STAGES. AVG RATE 42.8 BPM, MAX RATE 50 BPM. AVG PRESS 5330, MAX PRESS 6914. I.S.I.P. 5635 PSI, 5 MIN 4986 PSI. 10 MIN 4853 PSI, 15 MIN 4742. SHUT WELL IN. BBLS TO RECOVER 2412.
	17:00	18:30	1.50	STG04	21		P		RU LONE WOLF WIRELINE. SET CFP 11674' W/ 4200 PSI PERFORATED STAGE #4 FROM 11644' TO 11422'. 63 HOLES. USING 2 3/4" HSC GUNS W/ 15 GM CHARGES. 3 JSFP AND 120 DEGREE PHASING.1-RUN. CORRELATED TO HALLIBURTONS CBL DATED 11-MAR-2011. STARTING PRESSURE 4200 PSI FINAL PRESSURE 4200 PSI
	18:30	6:00	11.50	STG04	18		P		HAULED AND HEATED FRAC WATER THRU THE NIGHT.
3/19/2011	6:00	6:30	0.50	STG04	28		P		HELD SAFETY MEETING ON PUMPING PROCEDURES
	6:30	7:00	0.50	STG04	18				STARTED BJ EQUIPMENT
	7:00	9:00	2.00	STG04	35		P		PRESSURE TEST LINES 7500 PSI. BREAK DOWN STAGE #4 PERFS 11422'-11644' 63 HOLES. @ 6037 PSI 7 BPM.TREATED PERFS W/ 5000 GALS 15%DISPLACED 10 BBLS PAST BTM PERF W/ 404 BBLS.AVG RATE 27.5 BPM, MAX RATE 40 BPM, AVG PRESS 5828 PSI MAX PRESS 6326. I.S.I.P. 4264 PSI, 5MIN 3437 PSI, 10MIN 2934 PSI, 15 MIN 2684 PSI. F.G. 80. PUMPED 6,500 LBS WHITE 100 MESH IN 1/2 PPG STAGE AND 113,466 LBS CARBOLITE 20/40. IN 1#, 2#, 3# AND 4# STAGES. ON FLUSH PUMPED 5000 GALS 15% HCL. SCREENED OUT ON FLUSH W/ 334 BBLS GONE, 60 BBLS TO GO. LEFT 8600 LBS SAND IN CSG. APROX. 925' IN 4 1/2 CSG. AVG RATE 40.1 BPM, MAX RATE 40.6 BPM. AVG PRESS 5781, MAX PRESS 8100. I.S.I.P. 8100 PSI, SHUT WELL IN. BBLS TO RECOVER 2705
	9:00	10:00	1.00	STG04	18		P		RD BJ . RU FLOW BACK LINE

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	10:00	16:00	6.00	STG04	19		P		0PENED WELL ON 14/64 CHOKE @ 6200 PSI FLOWED BACK WELL @ 16:00 WELL MADE 300 BBLS FLOWING ON 14/48 CHOKE @ 1400 PSI OPENED WELL TO 16/48 CHOKE TURNED WELL OVER TO FLOW BACK CREW.
	16:00	6:00	14.00	STG04	19		P		CONTINUED FLOWING WEWLL THRU NIGHT.
3/20/2011	6:00	6:05	0.08	STG04	19		P		WELL MADE 710 BBLS WATER AND 45 BBLS OIL FROM 10:00 AM TO 06:00 AM. ON 16/64 CHOKE W/ 1350 PSI. SHUT IN WELL
	6:05	6:30	0.42	STG04	28		P		HELD SAFETY MEETING ON WIRE LINE SAFETY.
	6:30	8:00	1.50	STG04	18		P		RU WIRE LINE AND WAIT CONTINUE TO WAIT FOR SAND TO SETTLE
	8:00	10:00	2.00	STG04	22		P		RIH W/ 3.5 GR/JB TAGGED FILL @ 11550' GR/JB WAS PULLING OVER COMING OUT OF LINER.(LT @ 9908) RAN BACK IN LINER TO @ 10100 STARTED TO SIT DOWN WORKED BACK UP THRU LINER TOP. POOH W/ GR/JB JUNK BASKET FULL OF SAND.
	10:00	12:30	2.50	STG04	6		P		HELD SAFETY MEETING PUMPING PRESSURE. RU BJ HARDLINE. OPENED WELL W/ 19 44 PSI. PUMPED 30 BLS DOWN CSG@ 10 BPM W/ 30 BBLS ISIP 6000 PSI, 5 MIN 5700 PSI. BLED WELL DOWN TO 2000 PSI.
	12:30	14:00	1.50	STG04	22				RIH W/ 3.5 GR/JB TAGGED FILL @ 10602 GR/JB WAS PULLING OVER COMING OUT OF LINER. POOH W/ GR/JB JUNK BASKET FULL OF SAND.
	14:00	15:00	1.00	STG04	19		P		OPENED WELL TO FLOW BACK TANK ON 20/64 CHOKE. @14:00 ON 20/64 CHOKE. FIRST HOUR MADE 30 BBLS OIL AND GAS. TURNED WELL OVER TO FLOW BACK CREW
	15:00	6:00	15.00	STG04	19		P		MADE 208 BBLS OIL 182 BBLS WATER 217 MCF 875 PSI ON 20/64 CHOKE
3/21/2011	6:00	17:00	11.00	STG04	19		P		FLOW BACK WELL MADE 634 MCF, 265 BBL OIL, 94 BBLS H2O. ON 20/64 CHOKE. 675 PSI. 9798 BBLS TO RECOVER SHUT WELL IN 17:00. TO LET SAND FALL TO BTM.
3/22/2011	6:00	6:30	0.50	STG04	28		P		HELD SAFETRY MEETING ON WIRELINE SAFETY.
	6:30	7:30	1.00	STG04	21		P		1300 PSI CSIP. RIH W/ 3.5 GR/JB. TAGGED HARD BTM @ 10680' POOH W/ GR/JB. JB HAD SAND IN IT.
	7:30	9:00	1.50	RDMO	2		P		RD WIRELINE, RD STINGER.
	9:00	11:00	2.00	MIRU	1		P		MIRU CTS 2" TBG EQUIPMENT MADE UP 3.750 BLADED MILL AND MOTOR ASSEMBLY PRESSURE TEST STACK @ 4000 PSI HELD.
	11:00	22:00	11.00	WBP	18		P		START RIH W/ COIL TBG PUMPING 1 BPM TO 7000' INCREASED RATE TO 2.5 BPM. INCREASED RATE @ LT (9908) TO 3.5 BPM CONTINUED RIH TO @ 11702 TAGGED PLUG. WORKED COIL TBG UP AND DOWN THRU LINER PUMPING 3.5 BPM AND RETURNING 3 BPM.FOR 2HRS AND 45 MINS. CSG PRESS 150PSI. TOOH TO LINER TOP. STILL RETURNING SAND RIH TO PLUG CIRCULATE ON BTM FOR 45 MINS PULLED TO LINER TOP . CIRCULATE FOR 45 MINS TOOH W/ COIL TBG AND MOTOR ASSEMBLY. LD MOTOR ASSEMBLY BLEW COIL DRY. RD COILTBG EQUIPMENT.
	22:00	3:00	5.00	STG05	21		P		RU LONE WOLF WIRELINE. RIH W/ 3.5 GR/JB. TO @ 11475 POOH W/ GR/JB. RIH SET CFP @ 11397' W/ 100 PSI. RU HOT OILER PRESSUERED UP ON CSG TO 1500 PSI. PERFORATED STAGE #5 FROM 11383' TO 11108'. 63 HOLES. USING 2 3/4" HSC GUNS W/ 15 GM CHARGES. 3JSFP AND 120 DEGREE PHASING.1-RUN. CORRELATED TO HALLIBURTONS CBL DATED 11-MAR-2011. STARTING PRESSURE 1500 PSI FINAL PRESSURE 1100 PSI. RD WIRLINE SDFN
3/23/2011	6:00	6:30	0.50	STG05	28		P		HELD SAFETY MEETING ON RU STINGERS ISOLATION TOOL AD BJ FRAC EQUIPMENT

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:30 8:00	1.50	STG05	18		P		MIRU STINGERS WELLHEAD ISOLATION TOOL AND RUN BJ HARDLINES.
	8:00 10:00	2.00	STG05	35		P		PRESSURE TEST LINES 9100 PSI. BREAK DOWN STAGE #5 PERFS 11108'-11383' 63 HOLES. @ 5450 PSI 14.8 BPM. TREATED PERFS W/ 5000 GALS 15%DISPLACED 10 BBLS PAST BTM PERF W/ 401 BBLS.AVG RATE 25.8 BPM, MAX RATE 40 BPM, AVG PRESS 5866 PSI MAX PRESS 6345. I.S.I.P. 4578 PSI, 5MIN 4274 PSI, 10MIN 3958 PSI, 15 MIN 3691 PSI. F.G. 84. PUMPED 6,500 LBS WHITE 100 MESH IN 1/2 PPG STAGE AND 111,513 LBS CARBONRT 20/40. IN 1#, 2#, 3# STAGES. DID NOT GO TO 4# STAGE DUE TO PRESSURE INCREASE. ON FLUSH PUMPED 5000 GALS 15% HCL. SCREENED OUT ON FLUSH W/ 116 BBLS TO GO. LEFT 12000 LBS SAND IN CSG. APROX. 107' IN 7" CSG, AND 1200 IN 4 1/2 CSG. AVG RATE 45.8 BPM, MAX RATE 50 BPM. AVG PRESS 5466, MAX PRESS 8500. I.S.I.P. 8059 PSI, SHUT WELL IN. BBLS TO RECOVER 2668
	10:00 11:30	1.50	RDMO	2		P		RD AND MOVE WIRELINE AND STINGER TO SIDE OF LOCATION.
	11:30 12:00	0.50	MIRU	1		P		MIRU COIL TBG UNIT AND EQUIPMENTMADE UP MOTORHEAD AND WASH NOZZLE.
	12:00 21:30	9.50	CTU	10		P		RIH PUMPING 1/2 BPM. TO LINER TOP @ 9908 INCREASED RATE TO 1.5 BPM RETURNING 3 BPM UP CSG ON 35/64 CHOKE @ 750 PSI . tagged plug @11468' WORKED COIL UP AND DOWN THRU PERFS FOR 1 HR. PULLED UP TO LINER TOP, CIRCULATE THERE FOR 1 HR INCREASED RATE TO 3 BPM RETURNING @ 3.5 BPM. @ 1100 PSI. POOH EOT @ 6900 STOPPED FOR 30 MINS PUMPED SWEEP TO EOT CONTINUED POOH W/ COIL AND WASH ASSSEMBLY. RD COIL TBG EQUIPMENT.
	21:30 2:30	5.00	STG06	21		P		RU LONE WOLF WIRELINE. RIH W/ 3.5 GR/JB. TO @ 11115 POOH W/ GR/JB. RIH SET CFP @ 11065' W/ 1900 PSI. PERFORATED STAGE #6 FROM 10790' TO 11040'. 63 HOLES. USING 2 3/4" HSC GUNS W/ 15 GM CHARGES. 3JSFP AND 120 DEGREE PHASING.1-RUN. CORRELATED TO HALLIBURTONS CBL DATED 11-MAR-2011. STARTING PRESSURE 1900 PSI FINAL PRESSURE 1700 PSI. RD WIRLINE SDFN
3/24/2011	6:00 6:30	0.50	STG06	28		P		HELD SAFETY MEETING ON RIGGING UP AND STIMULATE WELL
	6:30 8:30	2.00	STG05	18		P		RU STINGERS WELLHEAD ISOLATION TOOL. AND RU BJ HARDLINE TO WELL.
	8:30 11:30	3.00	STG06	35		P		PRESSURE TEST LINES @8950 PSI. BREAK DOWN STAGE #6 PERFS 10790'-11040' 63 HOLES. @ 4403 PSI @ 5.2 BPM TREATED PERFS W/ 5000 GALS 15% HCL ACID. DISPLACED 10 BBLS PAST BTM PERF.AVG RATE 32 BPM, MAX RATE 42.2 , AVG PRESS 5069 PSI MAX PRESS 5597. I.S.I.P. 4064 PSI, 5MIN 3753 PSI, 10MIN 3580 PSI, 15 MIN 3468 PSI, 30 MIN 3151 PSI. F.G. .81. SHUT DOWN AND WAIT FOR LINK TO DENVER. PUMPED 6,500 LBS WHITE 100 MESH IN 1/2 PPG STAGE AND 108,271 LBS CARBONRT 20/40. IN 1#, 2#, 3# STAGES. AVG RATE 41.8 BPM, MAX RATE 42.1 BPM. AVG PRESS 5133, MAX PRESS 5894. I.S.I.P.4936 PSI, 5 MIN 4644 PSI. 10 MIN 4533 PSI, 15 MIN 4452. SHUT WELL IN. BBLS TO RECOVER 2644.
	11:30 12:30	1.00	STG07	21		P		RU LONE WOLF WIRELINE. RIH SET CFP @ 10775' W/ 4400 PSI. PERFORATED STAGE #7 FROM 10533' TO 10757'. 63 HOLES. USING 2 3/4" HSC GUNS W/ 15 GM CHARGES. 3JSFP AND 120 DEGREE PHASING.1-RUN. CORRELATED TO HALLIBURTONS CBL DATED 11-MAR-2011. STARTING PRESSURE 4400 PSI FINAL PRESSURE 4000 PSI. RD WIRLINE

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:30 14:30	2.00	STG07	35		P		OPENED WELL 12:40 W/ 3830 PSI. BREAK DOWN STAGE # 7 PERFS 10533'-10757' 63 HOLES. @ 3980 PSI @ 5.2 BPM TREATED PERFS W/ 5000 GALS 15% HCL ACID DISPLACED 10 BBLS PAST BTM PERF. AVG RATE 33.7 BPM, MAX RATE 42.4 , AVG PRESS 4553 PSI MAX PRESS 5120. I.S.I.P. 3723 PSI, 5MIN 3590 PSI, 10MIN 3499 PSI, 15 MIN 3436 PSI. F.G. .78. PUMPED 7520 LBS WHITE 100 MESH IN 1/2 PPG STAGE AND 127,315 LBS CARBOLITE 20/40. IN 1#, 2#, 3# STAGES. AVG RATE 42 BPM, MAX RATE 42.1 BPM. AVG PRESS 4659, MAX PRESS 5681. I.S.I.P. 4386 PSI, 5 MIN 4012 PSI. 10 MIN 3872 PSI, 15 MIN 3812. SHUT WELL IN. BBLS TO RECOVER 2853.
	14:30 16:30	2.00	STG07	18		P		RD FRAC EQUIPMENT, RD WELLHEAD ISOLATION TOOL
	16:30 6:00	13.50	STG07	19		P		FLOWED BACK WELL. MADE 0 MCF, 0 OIL, 2128 H20, 16/64 1775 PSI
3/25/2011	6:00 6:00	24.00	STG07	19		P		FCP 1725 16/64 CHOKE 410 MCF, 363 OIL, 749 WATER, 14856 BBLS TO RECOVER
3/26/2011	6:00 6:30	0.50						HELD SAFETY MEETING AND FILLED OUT JSA ON CHECKING CHOKE FOR WASH OUT
	6:30 6:00	23.50	STG07	19		P		FCP 1400 PSI, 18/64 CHOKE, 823 MCF, 306 BBLS OIL, 749 BBLS WATER, 14224 BBLS TO RECOVER
3/27/2011	6:00 6:30	0.50	STG07	28		P		HELD SAFETY MEETING AND FILLED OUT JSA ON CHECKING FLOW LINES FOR LEAKS.
	6:30 6:00	23.50	STG07	19		P		FCP 1275 PSI, 18/64 CHOKE, 816 MCF, 334 BBLS OIL, 494 BBLS WATER, 13730 BBLS TO RECOVER
3/28/2011	6:00 6:30	0.50	STG07	28		P		HELD SAFETY MEETING AND FILLED OUT JSA ON FLOWING HIGH PRESSURE.
	6:30 6:00	23.50	STG07	19		P		FCP 1175 PSI, 18/64 CHOKE, 848 MCF, 441 BBLS OIL, 316 BBLS WATER, 13414 BBLS TO RECOVER
3/29/2011	6:00 6:30	0.50	STG07	19		P		HELD SAFETY MEETING FILLED JSA ON MAKING SURE TREATER IS WORKING PROPERLY
	6:30 6:00	23.50	STG07	19		P		FCP 821 PSI, 18/64 CHOKE, 821 MCF, 430 BBLS OIL, 245 BBLS WATER, 13169 BBLS TO RECOVER
3/30/2011	6:00 6:30	0.50	STG07	28		P		HELD SAFETY MEETING AND FILLED OUT JSA ON TURNING WELL OVER TO PRODUCTION
	6:00 6:30	0.50	STG07	28		P		HELD SAFETY MEETING ON TURNING WELL OVER TO PRODUCTION FILL OUT JSA
	6:30 6:00	23.50	STG07	19		P		FCP 980 PSI, 18/64 CHOKE, 750 MCF, 398 BBLS OIL, 208 BBLS WATER, 12961 BBLS TO RECOVER
	6:30 6:00	23.50	STG07	19		P		CASING PRESS 980 PSI 18/64 CHOKE 750 MCF 398 OIL 208 WATER
3/31/2011	6:00 6:30	0.50	STG07	28		P		HELD SAFETY ON CHECKING FACILITIES FOR LEAKS FILLED OUT JSA
	6:30 6:00	23.50	STG07	19		P		FCP 950 PSI, 18/64 CHOKE, 679 MCF, 372 BBLS OIL, 200 BBLS WATER, 12761 BBLS TO RECOVER
4/1/2011	6:00 6:30	0.50	STG07	28		P		HELD SAFETY MEETING ON CHECKING FLOWLINES FOR LEAKS FILL OUT JSA
	6:30 6:00	23.50	STG07	19		P		FCP 925 PSI, 18/64 CHOKE, 625 MCF, 355 BBLS OIL, 183 BBLS WATER, 12578 BBLS TO RECOVER
4/2/2011	6:00 6:30	0.50	STG07	28		P		HELD SAFETY MEETING LIGHTING FIRE TUBES IN TANKS FILLED OUT JSA
	6:30 6:00	23.50	STG07	19		P		FCP 910 PSI, 18/64 CHOKE, 579 MCF, 334 BBLS OIL, 171 BBLS WATER, 12407 BBLS TO RECOVER
4/3/2011	6:00 6:30	0.50	STG07	28		P		HELD SAFETY MEETING ON CHECKING PRESSURE @ THE WELLHEAD.
	6:30 6:00	23.50	STG07	19		P		FCP 750 PSI, 18/64 CHOKE, 541 MCF, 302 BBLS OIL, 158 BBLS WATER, 12249 BBLS TO RECOVER

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
4/4/2011	6:00	6:30	0.50	STG07	28		P		HELD SAFETY MEETING ON CHECKING CHOKES FILL & REVIEW JSA
	6:30	6:00	23.50	STG07	19		P		FCP 700 PSI, 18/64 CHOKE, 506 MCF, 289 BBLS OIL, 151 BBLS WATER, 12098 BBLS TO RECOVER
4/5/2011	6:00	6:30	0.50	STG07	28		P		HELD SAFETY MEETING ON CHECKING FACILITIES FOR LEAKS.
	6:30	6:00	23.50	STG07	19		P		FCP 650 PSI, 20/64 CHOKE, 504 MCF, 319 BBLS OIL, 193 BBLS WATER, 11905 BBLS TO RECOVER
4/6/2011	6:00	6:30	0.50	CTU	28		P		HELD SAFETY MEETING ON OVERHEAD HAZARDS FILL OUT & REVIEW JSA
	6:30	9:30	3.00	CTU	16		P		MIRU COIL TUBING SERVICES 2" COIL EQUIPMENT. MAKE UP 3.750 BLADED INSERT MILL AND MUD MOTOR ASSEMBLY.
	9:30	11:00	1.50	CTU	10		P		RIH W/ MUD MOTOR ASSEMBLY PUMPING 1 BPM TO @ 7800'. PRESSURE RELEASE VALVE ON INJECTOR HEAD BLEW O-RING. DECREASED PUMP TO 1/4 BPM.
	11:00	11:00	0.00	CTU	54		N		CONTIUNED PUMPING 1/4 BPM. WAIT ON PRESSURE RELEASE VALVE. CHANGED PRESSURE RELEASE VAVLE. DETERMINED INJECTOR MOTOR WAS BAD. WAIT ON MOTOR CONTIUED PUMPING 1/4 BPM. MOTOR ARIVED ON LOCATION @ 04:30 AND REPAIRS WERE STARTED. STILL WORKING ON MOTOR AT REPORT TIME.
4/7/2011	6:00	6:30	0.50	CTU	28		P		HELD SAFETY MEETING ON GOOD COMMUNICATION FILLED OUT JSA
	6:30	8:30	2.00	CTU	54		P		FINISHED INSTALLING INJECTOR MOTOR AND STARTED EQUIPMENT.
	8:30	18:00	9.50	CTU	10		P		EOT @ 7800' STARTED RIH PUMPING 2.5 BPM. TAGGED PLUG #1 @ 10774' INCREASED RATE TO 3.5 BPM. DRILLED OUT PLUG #1 IN 17 MIN, TAGGED REMAINS OF PLUG # 1 AND SAND @ 11044' WASHED DOWN TO PLUG # 2 @ 11063' DRILLED PLUG IN 14-MIN, TAGGED REMAINS OF PLUG #2 AND SAND @ 11374',WASHED DOWN TO PLUG # 3 @ 11398', DRILLED PLUG IN 13 MINS, TAGGED REMAINS PLUG # 3 @ 11481' WASHED DOWN TO PLUG # 4 @ 11673' DRILLED THRU PLUG IN 9 MINS. TAGGED REMAINS OF PLUG #4 AND SAND @ 11834'. WELLHEAD PRESSURE DECREASED TO 50 PSI. INCREASED RATE TO 3 BPM AND 500 SCF N2, WASHED DOWN TO PLUG # 5 @ 11920 DRILLED THRU PLUG IN 18 MINS. TAGGED REMAINS PLUG #5 AND SAND @ 11920' WASHED DOWN TO PLUG # 6 12140 DRILLED PLUG IN 18 MINS. PUSHED PLUG TO 12532' 200' PAST BTM PERF. CIRCULATE ON BTM FOR 1 HR. POOH TO LT @ 9908 AND CIRCULATE FOR 1 HR. POOH W/ COIL TUBING AND MUD MOTOR ASSEMBLY.
	18:00	19:30	1.50	CTU	18		P		LD MUD MOTOR ASSEMBLY. BLEW COIL DRY. RD COIL TBG UNIT TURN WELL OVER TO FLOW TEST CREW. CLEANED LOCATION AND SDFN.
	19:30	6:00	10.50	FB	19		P		FCP 500 14/64 CHOKE, FLOWED TO FLOW BACK TANK NO FLUID. TURNED TO TREATER ON 20/64
4/8/2011	6:00	6:30	0.50	FB	28		P		HELD SAFETY MEETING CHECKING FOR LEAKS IN FLOW LINE FILLED OUT JSA
	6:30	6:00	23.50	FB	19		P		FCP 600 PSI, 20/64 CHOKE, 276 MCF, 212 BBLS OIL, 460 BBLS WATER, 11995 BBLS TO RECOVER
4/9/2011	6:00	6:30	0.50	FB	28		P		HELD SAFETY MEETING ON DRIVING ON SLICK ROADS
	6:30	6:00	23.50	CHLOG	19		P		FCP 625 PSI, 20/64 CHOKE, 533 MCF, 371 BBLS OIL, 209 BBLS WATER, 11786 BBLS TO RECOVER
4/10/2011	6:00	6:30	0.50	FB	28		P		HELD SAFETY MEETING ON CHECKING CHOKE.
	6:30	6:00	23.50	FB	19		P		FCP 575 PSI, 20/64 CHOKE, 490 MCF, 312 BBLS OIL, 180 BBLS WATER, 11606 BBLS TO RECOVER

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
4/11/2011	6:00	6:30	0.50	FB	28		P		HELD SAFETY MEETING ON LOCK OUT TAG OUT
	6:30	6:00	23.50	FB	19		P		FCP 550 PSI, 20/64 CHOKE, 455 MCF, 289 BBLS OIL, 171 BBLS WATER, 11435 BBLS TO RECOVER
4/28/2011	6:00	8:00	2.00	WLWORK	42		P		WAIT FOR HALLIBURTON WIRELINE
	8:00	8:30	0.50	WLWORK	28		P		HELD SAFETY MEETING ON OVERHEAD HAZARDS FILLED OUT JSA.
	8:30	9:30	1.00	WLWORK	18		P		RU HALLIBURTON WIRELINE TO RUN HDSN LOG
	9:30	16:00	6.50	WLWORK	37		P		RIH W/ HDSN TOOL MADE 2 PASSES. FIRST PASS TAGGED FILL @ 12960' LOGGED FROM 12960 TO 9850. SECOND PASS LOGGED FROM 12452' TO 9850'. POOH RD WIRELINE. SECURED WELL SDFN
5/6/2011	7:00	7:30	0.50	MIRU	28		P		HELD SAFETY MEETING ON MOVING RIG FILLED OUT JSA
	7:30	10:00	2.50	MIRU	01		P		MOVED RIG FROM THE 1-15A3 TO THE 3-26B5
	10:00	14:00	4.00	SITEPRE	01		P		BUILD UP PAD FOR RIG TO RIG UP ON
	14:00	17:00	3.00	MIRU	01		P		MIRU SPOTTED PIPE RACKS , TUBING AND CATWALK. SECURED WELL SDFN.
5/7/2011	7:00	7:30	0.50	INARTLT	28		P		HELD SAFETY MEETING ON RUNNING PUMP LINES FILLED OUT JSA.
	7:30	10:00	2.50	INARTLT	30		P		SPOTTED PUMP AND FLAT TANK. RAN PUMP LINES. RU WASHINGTON HEAD. PUT PBGA TOGETHER. TALLIED TUBING. DECIDED TO LET WELL FLOW FOR WEEKEND.
5/8/2011									NO RIG ACTIVITY
5/9/2011									NO RIG ACTIVITY.
5/10/2011	7:00	7:30	0.50	INARTLT	28		P		HELD SAFETY MEETING ON PINCH POINTS AND FILLED OUT JSA
	7:30	8:30	1.00	INARTLT	18		P		PUMPED 100 BBLS 2% KCL DOWN CSG. CSG ON A VACCUM
	8:30	15:00	6.50	INARTLT	24		P		PICK UP AND TALLIED 5 3/4 NO-GO, 2-JTS 2 7/8 N-80 EUE TBG, 5 1/2 PBGA, 6' 2 7/8 TBG SUB, 2' 2 7/8 TBG SUB, MECH SN, TBG PUMP BARREL, 4' TBG SUB,7- JTS 2 7/8 N-80 EUE, 7" TAC, 254-JTS 2 7/8 N-80 EUE TBG. SET TAC @ 8108', SN @ 8392', EOT 8497'.
	15:00	16:30	1.50	INARTLT	16		P		RIG DOWN RIG FLOOR, ND BOPS,
	16:30	17:30	1.00	INARTLT	16		P		NU WELLHEAD, CHANGED OVER TO RUN RODS. LEFT WELL OPENED TO TREATER. SDFN.
5/11/2011	7:00	7:30	0.50	INARTLT	28		P		HELD SAFETY MEETING ON PROPER LIFTING TECHNICS FILLED OUT JSA
	7:30	9:30	2.00	INARTLT	18		P		550 CSIP. 300 TSIP. BLED DOWN TBG AND CSG. PUMPED 40 BBLS 2% KCL TREATED W/ 25-GALS OF PARAFFIN SOLVENT. PUMPED 25 BBLS OF DIESEL, 10 BBLS 2% KCL DROPPED STANDING VALVE. PUMPED 35 BBLS 2% KCL PRESSURE TEST @ 1000 PSI HELD.
	9:30	15:30	6.00	INARTLT	24		P		PICKED UP AND RIH W/ 5' PLUNGER, 36' X 1 1/2" POLISH ROD, 3' X 1" STABILIZER SUB, 24-1" W/G, 84-3/4" W/G, 110-7/8" W/G, 113- 1" (98-SLK,15-W/G), SPACED OUT RODS W/ 1-2', 1-4', 1-6' X 1" SUBS.
	15:30	16:00	0.50	INARTLT	31		P		PRESSURE AND STROKE TEST @ 1000 PSI HELD. CLAMPED OFF POLISH ROD.
	16:30	17:30	1.00	MIRU	01		P		RIG DOWN RIG LEFT CSG OPENED TO TREATER ON 20/64 CHOKE RD RIG SDFN.

RECEIVED Jun. 21, 2011

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation	
	0:00 0:00	0.00						FROM YARD	TO YARD
								104-1" SLK NEW	6-1" SLK JUNK
								15-1" W/G NEW	2-7/8 W/G JUNK
								112-7/8" W/G NEW	106-2 3/8 WORK STRING
								112-7/8 W/G NEW	57-JTS 2 7/8 TBG NEW
								84-3/4" W/G NEW	
								24-1" W/G INSPECTED	
								5 1/2"PBGA	
								1-6' X 2 7/8 TBG SUB	
								1-2',1-4',1-6' X 1" EL SUBS	
								263-JTS 2 7/8 N80 NEW	

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

AMENDED REPORT ☐ (highlight changes) FORM 8

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: Spratt 3-26B5
9. API NUMBER: 4301350302
10. FIELD AND POOL, OR WILDCAT: Altamont

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: El Paso E & P Company, L. P.

3. ADDRESS OF OPERATOR: 1001 Louisiana, #2730B CITY Houston STATE TX ZIP 77002
PHONE NUMBER: (713) 420-5138

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1333' FSL & 1230' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1333' FSL & 1230' FEL
AT TOTAL DEPTH: 1333' FSL & 1230' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 26 T2S R5W U.S.B.& M.
12. COUNTY: Duchesne
13. STATE: UTAH

14. DATE SPUDDED: 6/29/2010
15. DATE T.D. REACHED: 2/22/2011
16. DATE COMPLETED: 3/24/2011 ABANDONED ☐ READY TO PRODUCE ☑
17. ELEVATIONS (DF, RKB, RT, GL): 6146' GL

18. TOTAL DEPTH: MD 13,145 TVD 13,145
19. PLUG BACK T.D.: MD 13,118 TVD 13,118
20. IF MULTIPLE COMPLETIONS, HOW MANY? * no
21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Spectral Density, Dual Spaced Neutron, Array Comp. True Resist., CCL/CBL/HDSN, Wave Sonic Cross Dipole

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
30"	20"		0	80		Prem. 375		Surf. circ	
17-1/2"	13-1/8 J-55	54.5 #	0	1,008		Cl. G 1200	246	Surf. circ	
12-1/4"	9-5/8 N-80	40 #	0	4,083		Cl. G 804	434	Surf. circ	
8-3/4"	7 HCP-110	29#	0	10,125		Cl. G 544	322	3800' calc	
6-1/8"	4-1/2" p110	13.5 #	9,908	13,140		Cl. G 292	80	9850' calc	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	TAC SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	8,497	8,108						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	10,533	12,352		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS	
12,158	12,352	2-3/4"	63	Open ☑	Squeezed ☐
11,933	12,114	2-3/4"	63	Open ☑	Squeezed ☐
11,696	11,903	2-3/4"	63	Open ☑	Squeezed ☐
11,422	11,644	2-3/4"	63	Open ☑	Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12158 - 12352	Acidize w/6594 gals 15% HCL. Frac w/6500 #'s white 100 mesh & 140,289 #'s Carbo NRT 20/40.
11933 - 12114	Acidize w/5000 gals 15% HCL. Frac w/6500 #'s white 100 mesh & 157,288 #'s Carbo NRT 20/40.
11696 - 11903	Acidize w/5000 gals 15% HCL. Frac w/6500 #'s white 100 mesh & 129,207 #'s Carbo NRT 20/40.

29. ENCLOSED ATTACHMENTS: (Logs submitted directly from service company to you)

☐ ELECTRICAL/MECHANICAL LOGS
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ CORE ANALYSIS ☑ OTHER: Items 27 & 28 continued on attachment

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30. WELL STATUS: Producing

(5/2000) (CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
3/18/2011		3/18/2011		24			120	217	182	pumping
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:
16/64th		1,325			1,815					

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)
				Lower Green River	8,340
				Wasatch	9,943

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) Linda Renken TITLE Regulatory Analyst

SIGNATURE Linda Renken DATE 11/15/2011

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

(5/2000)

Attachment to Well Completion Report

Form 8 Dated November 11, 2011

Well Name: Spratt 3-26B5

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
11108 – 11383	2-3/4"	63	Open
10790 – 11040	2-3/4"	63	Open
10533 – 10757	2-3/4"	63	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11422 – 11644	Acidize w/6359 gals 15% HCL. Frac w/6500 #'s white 100 mesh & 113,466 #'s Carbo NRT 20/40.
11108 – 11383	Acidize w/4998 gals 15% HCL. Frac w/6500 #'s white 100 mesh & 111,513 #'s Carbo NRT 20/40.
10790 – 11040	Acidize w/5040 gals 15% HCL. Frac w/6501 #'s white 100 mesh & 107,770 #'s Carbo NRT 20/40.
10533 – 10757	Acidize w/5628 gals 15% HCL. Frac w/7520 #'s white 100 mesh & 127,315 #'s Carbo NRT 20/40.

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**

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

CA No. **Unit:** N/A

WELL NAME	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:

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

7. UNIT or CA AGREEMENT NAME:

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		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of Name/Operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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 Maria S. Gomez DATE 6/22/2012

(This space for State use only)

APPROVED 6/29/2012
Rachel Medina
Division of Oil, Gas and Mining
~~Earlene Russell, Engineering Technician~~
Rachel Medina

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DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

El Paso E1 Company, L.P. (N3065) to EP Energy E1 Company, L.P. (N3850) effective 6/1/2012

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	
OBERHANSLY 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	

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	

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	

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	

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	

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	

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	

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	

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	

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
SPRATT 3-26B5

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013503020000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1333 FSL 1230 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESE Section: 26 Township: 02.0S Range: 05.0W 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		
✓ NOTICE OF INTENT Approximate date work will start: 8/27/2012	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	✓ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Set Plug

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

EP plans to set CIBP @ ~11000' with 10' of cement on top, perforate 9806' - 10452', and acidize. See attached for details.

Approved by the Utah Division of Oil, Gas and Mining

Date: August 27, 2012

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst

SIGNATURE	DATE
N/A	8/20/2012

RECEIVED: Aug. 20, 2012

Spratt 3-26B5 Summary Procedure

- POOH w/Rods & pump, Release anchor, POOH w/tubing string
- Circulate & Clean wellbore
- RIH with 4-1/2"CBP, set plug at ~11,000', dump bail 10' cement on top
- Perforate new UW interval from ~9,944' – 10,452'
- Perforate new LGR interval from ~9,806' – 9,912'
- Acidize perforations with 60,000 gals of 15% HCL
- Leave plug at ~11,000' in well
- RIH w/tubing, pump & rods
- Clean location and resume production

RECEIVED: Aug. 20, 2012

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
SPRATT 3-26B5

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013503020000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1333 FSL 1230 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESE Section: 26 Township: 02.0S Range: 05.0W 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		
☐ NOTICE OF INTENT Approximate date work will start:	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 9/22/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	✓ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Set Plug

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

Please see attached procedure summary and daily operations report for details.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 06, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		11/2/2012

RECEIVED: Nov. 02, 2012

Spratt 3-26B5 Post Summary Procedure

Operations Complete 09/22/12

- POOH w/Rods & pump, Release anchor, POOH w/tubing string.
- Set CBP @ 10510’ with 10’ of cement on top.
- Perforated from 10325’ – 10452’. Treated with 15000 gals 15% HCL acid.
- Perforated from 10129’ – 10291’. Treated with 15000 gals 15% HCL acid.
- Perforated from 9944’ – 10108’. Treated with 15000 gals 15% HCL acid.
- Perforated from 9806’ – 9916’. Treated with 15000 gals 15% HCL acid.
- RIH w/tubing, pump & rods.
- Resumed production.

RECEIVED: Nov. 02, 2012

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	SPRATT 3-26B5		
Project	ALTAMONT FIELD	**Site**	SPRATT 3-26B5
Rig Name/No.	KEY ENERGY/0005	**Event**	RECOMPLETE LAND
Start Date	9/12/2012	**End Date**	
Spud Date	6/29/2010	**UWI**	SPRATT 3-26B5
Active Datum	KB @6,158.0ft (above Mean Sea Level)		
Afe No./Description	159679/46737 / SPRATT 3-26B5		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
9/12/2012	6:00	7:30	1.50	MIRU	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP RIG
	7:30	10:30	3.00	MIRU	01		P		SLIDE PUMPING UNIT & RIG UP RIG
	10:30	12:00	1.50	PRDHEQ	18		P		SCREW INTO STANDING VALVE & PULL OFF SEAT. FLUSH RODS & TBG W/ 60 BBLS 2% KCL WTR
	12:00	15:00	3.00	PRDHEQ	39		P		TOOH W/ RODS & PLUNGER ASSEMBLY, FLUSHING AS NEEDED.
	15:00	17:00	2.00	PRDHEQ	16		P		ND WELLHEAD. NU BOP.
	17:00	18:30	1.50	PRDHEQ	39		P		RU SCANNING EQUIPMENT. POOH W/ 48 JTS 2-7/8"EUE TBG. SCANNING EQUIPMENT FAILED. SDFN
9/13/2012	6:00	7:30	1.50	PRDHEQ	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON SCANNING TBG. FILL OUT & REVIEW JSA
	7:30	13:00	5.50	PRDHEQ	39		P		RU SCANNING EQUIPMENT. TOOH SCANNING, 206 JTS 2-7/8"EUE TBG, TAC, 7 JTS 2-7/8"EUE TBG & PRODUCTION BHA. SCANNED 261 TTL JTS. FOUND 94 JTS YELLOW BAND TBG, 164 JTS BLUE BAND TBG & 3 JTS RED BAND TBG. VERY LITTLE ROD WEAR, MOSTLY PITTING.
	13:00	14:00	1.00	PRDHEQ	18		P		RD SCANNING EQUIPMENT. SDFN
9/14/2012	6:00	7:30	1.50	PRDHEQ	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON LAYING PUMP LINES. FILL OUT & REVIEW JSA
	7:30	15:30	8.00	PRDHEQ	16		P		RU PUMP & PUMPLINES. HEAT WTR FOR ACID JOB
	15:30	22:30	7.00	PRDHEQ	27		P		RU WIRELINE TRUCK. RIH & SET 4-1/2"CBP @ 10525'. RIH W/ DUMP BAILOR. SET DOWN ON CBP. PLUG MOVED DOWN HOLE. PUS PLUG TO 10980'. POOH W/ DUMP BAILOR. RIH & SET CBP @ 10510'. DUMP BAIL 10' CMT ON CBP. SDFN
9/15/2012	6:00	7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PRESURE TESTING CSG. FILL OUT & REVIEW JSA
	7:30	9:30	2.00	WBP	18		P		FILL CSG W/ 40 BBLS 2% KCL WTR. PRESSURE TEST CSG TO 4000 PSI FOR 15 MINUTES. TESTED GOOD.
	9:30	13:30	4.00	STG01	21		P		RU WIRELINE TRUCK & PERFORATE STAGE 1 PERFORATIONS 10325' TO 10452', USING 3-1/8" HSC GUNS, 22.7 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. PRESSURE DROPPED FROM 1000 PSI TO 700 PSI WHILE PERFORATING.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	13:30	17:00	3.50	STG01	35		P		RU PUMPLINES.PRESSURE TEST LINES TO 8500 PSIBREAK DOWN STAGE 1 PERFS @ 3640 PSI PUMPING 10.7 BPM. TREAT W/ 15000 GALLONS 15% HCL ACID, DROPPING 100 BIO BALLS AFTER PUMPING 7500 GALLONS ACID. MAX PSI 4500 PSI . AVG PSI 4000 PSI. MAX RATE 45 BPM. AVG RATE 42 BPM. ISIP 3195 PSI. 5 MINUTE 2945 PSI. 10 MINUTE 2802 PSI. 15 MINUTE 2691 PSI. SHUT WELL IN. TURN WELL OVER TO WIRELINE.
	17:00	18:30	1.50	STG02	21		P		SET CBP @ 10300'. PERFORATE STAGE 2 PERFORATIONS 10129' TO 10291', USING 3-1/8" HSC GUNS, 22.7 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. PRESSURE DROPPED FROM 2500 PSI TO 2000 PSI WHILE PERFORATING.
	18:30	20:30	2.00	STG02	35		P		TEST LINES TO 8500 PSIBREAK DOWN STAGE 2 PERFS @ 3384 PSI PUMPING 10.2 BPM. TREAT W/ 15000 GALLONS 15% HCL ACID, DROPPING 65 BIO BALLS AFTER PUMPING 7500 GALLONS ACID. MAX PSI 7300 PSI (BALL OUT). AVG PSI 3900 PSI. MAX RATE 42 BPM. AVG RATE 40 BPM. ISIP 2650 PSI. 5 MINUTE 2300 PSI. 10 MINUTE 2065 PSI. 15 MINUTE 1888 PSI. SHUT WELL IN.SDFN
9/16/2012	6:00	7:30	1.50	STG03	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON WIRELINE SAFETY. FILL OUT & REVIEW JSA
	7:30	10:00	2.50	STG03	21		P		RIH & SET CBP @ 10119'. PERFORATE STAGE 3 PERFORATIONS 9944' TO 10108', USING 3-1/8" HSC GUNS, 22.7 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. PRESSURE DROPPED FROM 1500 PSI TO 0 PSI WHILE PERFORATING.
	10:00	11:30	1.50	STG03	35		P		TEST LINES TO 8500 PSIBREAK DOWN STAGE 3 PERFS @ 2500 PSI PUMPING 10.2 BPM. TREAT W/ 15000 GALLONS 15% HCL ACID, DROPPING 100 BIO BALLS AFTER PUMPING 7500 GALLONS ACID. MAX PSI 7500 PSI (BALL OUT). AVG PSI 3500 PSI. MAX RATE 42.5 BPM. AVG RATE 38 BPM. ISIP 2660 PSI. 5 MINUTE 2336 PSI. 10 MINUTE 1951 PSI. 15 MINUTE 1710 PSI. TURN WELL OVER TO WIRELINE
	11:30	20:00	8.50	STG04	21		P		RIH & SET CBP @ 9930' (IN LINER HANGER). PRESSURE TEST CGS. NO TEST. POOH W/ PERF GUN & SETTING TOOL. HUNG UP IN CSG ISOLATION TOOL. PLUG APPEARED TO HAVE SET IN LARGER OD LINER HANGER BUT DID NOT SHEAR OFF SETTING TOOL. RIH TO 9930' DID NOT TAG PLUG. SET DOWN @ 9939'. BEAT DOWN TO BEAT SLIPPS OFF OF CBP. RIH TO 9970'. POOH W/ PERF GUN & SETTING TOOL. CBP WAS STILL ATTACHED TO SETTING TOOL. SLIPS WERE MISSING. RD CSG ISOLATION TOOL. RIH & SET 7" CBP 2' ABOVE LINER TOP. PERFORATE STAGE 4 PRFORATIONS 9806' TO 9916'. RD WIRELINE TRUCK. NU CSG ISOLATION TOOL.
	20:00	21:00	1.00	STG04	35		P		TEST LINES TO 8500 PSIBREAK DOWN STAGE 4 PERFS @ 2800 PSI PUMPING 10 BPM. TREAT W/ 15000 GALLONS 15% HCL ACID, DROPPING 100 BIO BALLS AFTER PUMPING 7500 GALLONS ACID. MAX PSI 7000 PSI. AVG PSI 4300 PSI. MAX RATE 42.5 BPM. AVG RATE 40 BPM. ISIP 2740 PSI. 5 MINUTE 2112 PSI. 10 MINUTE 1560 PSI. 15 MINUTE 1398 PSI.
	21:00	22:30	1.50	RDMO	02		P		RD PUMP LINES. RD CSG ISOLATION TOOL. SDFN
9/17/2012	6:00	6:00	24.00						SHUT DOWN FOR SUNDAY
9/18/2012	6:00	7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30	17:30	10.00	WBP	39		P		SICP 500 PSI. BLEED PRESSURE OFF CSG. TIH W/ 6" OD BIT, BIT SUB & 311 JTS 2-7/8" EUE TBG, CIRCULATING GASS OUT OF WELL AS NEEDED TO KILL TBG. TAG CBP @ 9928' SLM. TOOH W/6 JTS TBG. SDFN
9/19/2012									

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00	7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30	8:30	1.00	WBP	39		P		SITP 600 PSI. SICP 600 PSI. PUMP 60 BBLS 2% KCL TO KILL TBG. TIH W/ 6 JTS 2-7/8"EUE TBG. RU POWER SWIVEL
	8:30	11:00	2.50	WBP	10		P		PUMP 100 BBLS 2% KCL WTR TO BREAK CIRCULATION. DRIL 7" CBP @ 9928' & PUSH TO LINER TOP. CONTINUE DRILLING CBP ON LINER TOP
	11:00	18:30	7.50	WBP	39		P		RD POWER SWIVEL. TOOH W/ TBG & 6" BIT. TIH W/ 3-3/4" OD BIT, 21 JTS 2-3/8"EUE TBG, X-OVER & 160 2-7/8"EUE TBG. SDFN
9/20/2012	6:00	7:30	1.50	WBP	28		P		TRAVEL TO LOCATION, HSM PWR SWVL CONNECTIONS
	7:30	14:00	6.50	WBP	18		P		EOT @ 3865', 350# SITP & SICP. CNTRL TBG W/ 30 BBLS, OPEN CSG TO FB TANK RIH W/ 2 7/8" TBG TAG @ 9916'R/U PWR SWVL, BRK CIRC REV, DRILL UP BTM OF CBP. RIH TAG @ 10,113, D/O CBP @ 10115' . RIH D/O CBP @ 10300' CIRC CLEAN.
	14:00	17:00	3.00	WBP	39		P		RIH TO 10518' CIRC CLEAN
	17:00	18:30	1.50	WBP	39		P		POOH W/ 89 JTS 2 7/8" TBG, EOT@ 6962'. SWIFN
9/21/2012	6:00	7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HSM L/D TBG
	7:30	12:00	4.50	WBP	39		P		0# SITP, 270# SICP EOT @ 6962, POOH STD BACK 2 7/8" TBG, L/D 21 JTS 2 3/8" TBG, L/D 3 3/4" BIT & SUB.
	12:00	16:30	4.50	WBP	39		P		P/U BHA, RIH W/ 2 7/8" N-80 TBG, SET ANCHOR, W/25000# TENSION, LAND WELL ON HANGER. KB 17' HANGER .81' TBG STRETCH 4.45' 302 JTS 2 7/8" N-80 TBG 9623.17' TBG ANCHOR 2.35' 4 JTS 2 7/8" N-80 TBG 125.59' 4' 2 7/8" N-80 TBG SUB 4.05' 2 7/8" SEAT NIPPLE 1.10' 2' 2 7/8" N-80 TBG SUB 2.18' 5 1/2" X 33' PBGA 33.40' 2 JTS 2 7/8" TBG. (MUD ANCHOR) 63.45' 5 3/4" NO GO NIPPLE 1.75' ---------- EOT @ 9879.30' SEAT NIPPLE @ 9778.52' TBG ANCHOR @ 9648.88'
	16:30	18:30	2.00	WBP	49		P		CIRCULATE WELL TO CONTROL TBG & CSG
	18:30	20:00	1.50	WBP	16		P		N/D BOPS, UNLAND HANGER REMOVE 6' SUB, LAND WELL ON HANGER. SWIFN
9/22/2012	6:00	7:30	1.50	WBP	28		P		TRAVEL TO LOCATION, HSM, P/U WEIGHT BARS
	7:30	10:00	2.50	WBP	42		P		WORK ON RIG COMPUTER
	10:00	11:00	1.00	WBP	18		P		R/U WILLIES HOT OIL, FLUSH TBG W/ 60 BBLS. X OVER TO ROD EQUIP.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	11:00 15:00	4.00	WBP	18		P		P/U & RIH W/ 1 1/4" X 21' GAS ANCHOR STINGER 2 1/2" X 1 3/4" X 38' INSERT PUMP 10- 1 1/2" WEIGHT BARS 164- 3/4" EL RODS 113 - 7/8" EL RODS 100 - 1" EL RODS 40' POLISH ROD
	15:00 17:00	2.00	WBP	13		P		SPACE OUT & HANG OFF, PSI TEST TO 500#. PACKING LEAKING, REPLACE PACKING, RETSEST TO 500#, GOOD TEST, PSI TEST CHECK VALVES TO 1000#, GOOD TEST.
	17:00 19:00	2.00	WBP	18		P		MIRU R &T, SPOT & R/U ROTO FLEX PUMPING UNIT, PUT WELL ON PRODUCTION. (PUMP NOT TAGGING)

RECEIVED: Nov. 02, 2012

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: 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: SPRATT 3-26B5

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013503020000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1333 FSL 1230 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 26 Township: 02.0S Range: 05.0W 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		
✓ NOTICE OF INTENT Approximate date work will start: 9/30/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: DO plugs

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

EP plans to drill out CIBP @ 10980' & CBP @ 10510'. Thanks,

Approved by the
Utah Division of
Oil, Gas and Mining
October 07, 2014

Date:

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE N/A		**DATE** 9/25/2014

RECEIVED: Sep. 25, 2014

Reset Form

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER: Spratt 3-26B5

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

9. API NUMBER: 4301350302

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1333' FSL & 1230' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1333' FSL & 1230' FEL
AT TOTAL DEPTH: 1333' FSL & 1230' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 26 2S 5W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 6/29/2010

15. DATE T.D. REACHED: 2/22/2011

16. DATE COMPLETED: 10/15/2014 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 6146

18. TOTAL DEPTH: MD 13,145 TVD 13,145

19. PLUG BACK T.D.: MD 13,118 TVD 13,118

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Submitted with Initial Completion

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
		Submitted							
		with							
		Initial							
		Completion							

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	9,883	9,883						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	9,943	13,145		
(B) LGR	8,340	9,943		
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
12,158	12,352	.36	63	Open ☑ Squeezed ☐
11,933	12,114	.36	63	Open ☑ Squeezed ☐
11,696	11,903	.36	63	Open ☑ Squeezed ☐
11,422	11,644	.36	63	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10510'	Drilled out CBP & 10' of cement
10980'	Drilled out CBP

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Prod

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Dec. 31, 2014

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
10/15/2014	10/30/2014	24		108	4	245	Rod Pump

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:
0	65	50	43.00	1	0		108	4	245	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)
				Previously Submitted	

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) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez Digitally signed by Maria Gomez DN: cn=Maria Gomez, o=EP Energy, ou=Regulatory, email=maria.gomez@epenergy.com, c=US Date: 2014.12.31 14:53:01 -06'00' DATE 12/31/2014

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

(5/2000)

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Attachment to Well Completion Report

Form 8 Dated December 31, 2014

Well Name: Spratt 3-26B5

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
11108'-11383'	.36	63	Open
10790'-11040'	.36	63	Open
10533'-10757'	.36	63	Open
10325'-10452'	.43	66	Open
10129'-10291'	.43	45	Open
9944'-10107'	.43	69	Open
9806'-9912'	.43	63	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

RECEIVED: Dec. 31, 2014

CENTRAL DIVISION

ALTAMONT FIELD
SPRATT 3-26B5
SPRATT 3-26B5
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Dec. 31, 2014

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	11:00	15:00	4.00	WBP	18		P		P/U & RIH W/ 1 1/4" X 21' GAS ANCHOR STINGER 2 1/2" X 1 3/4" X 38' INSERT PUMP 10- 1 1/2" WEIGHT BARS 164- 3/4" EL RODS 113 - 7/8" EL RODS 100 - 1" EL RODS 40' POLISH ROD
	15:00	17:00	2.00	WBP	13		P		SPACE OUT & HANG OFF, PSI TEST TO 500#. PACKING LEAKING, REPLACE PACKING, RETSEST TO 500#, GOOD TEST, PSI TEST CHECK VALVES TO 1000#, GOOD TEST.
	17:00	19:00	2.00	WBP	18		P		MIRU R &T, SPOT & R/U ROTO FLEX PUMPING UNIT, PUT WELL ON PRODUCTION. (PUMP NOT TAGGING)
10/10/2014	10:00	10:30	0.50	MIRU	28		P		HELD SAFETY MEETING ON MOVING RIG. FILLED OUT JSA,
	10:30	12:00	1.50	MIRU	01		P		MOVED RIG FROM 4-4 C4 TO THE 3-26B5 MIRU. WHILE PUMPING 60 BLS DOWN CSG.
	12:00	13:00	1.00	WOR	06		P		PULLED PUMP OFF SEAT, LD POLISH ROD. FLUSHED TBG W/ 60 BBLS.
	13:00	15:30	2.50	WOR	39		P		TOOH W/ 100-1", 113-7/8", 164-3/4", 10-1 1/2" K-BARS AND PUMP. FLUSHING TBG AS NEEDED W/ 30 BBLS.
	15:30	17:00	1.50	WOR	16		P		ND WELLHEAD NU BOP, RU RIG FLOOR RELEASE TAC.
	17:00	18:30	1.50	WOR	39		P		TOOH W/ 60-JTS 2 7/8 L-80 EUE TBG, EOT @ 7980' . SECURED WELL SDFN.
10/11/2014	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TBG, FILLED OUT JSA.
	7:30	11:00	3.50	WOR	39		P		0 TSIP. 50 CSIP BLED DOWN WELL,TOOH W/ 242-JTS 2 7/8 L-80 EUE TBG, 7" TAC , 4-JTS 2 7/8 L-80 EUE TBG, AND LD BHA.
	11:00	11:06	0.10	WOR	39		P		PU AND TALLIED 3 3/4 ROCK BIT, BIT SUB, 105-JTS 2 3/8 N-80 EUETBG, X-OVER AND 204-JTS 2 7/8 L-80 EUE TBG EOT @ 9826'. RAN PUMP LINES. SECURED WELL SDFN.
10/12/2014	6:00	7:30	1.50	WOR	28		P		HELD SAFETY MEETING ON POWER SWIVEL. FILLED OUT JSA.
	7:30	8:30	1.00	WOR	39		P		50 CSIP, 0 TSIP. BLED DOWN WELL RIH W/ 10- JTS 2 7/8 L-80 EUE TBG, TAGGED @ 10125'. 20' OUT ON #214 2 7/8. RU POWER SWIVEL.
	8:30	18:00	9.50	WOR	10		P		PUMPED 1400 BBLS DOWN CSG @ 7.5 BPM W/ 2 RIG PUMPS. GOT REVERSE CIRC. CLEANED OUT TO CEM TOP @ 10506'. RETURNING SCALE. CIRC TBG CLEAN. RD POWER SWIVEL
	18:00	19:30	1.50	WOR	39		P		TOOH W/ 22-JTS 2 7/8 L-80 EUE TBG. EOT @ 9826'. FLUSHED TBG W/ 60 BBLS. SECURED WELL SDFN.
10/13/2014	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON POWER SWIVEL. FILLED OUT JSA..
	7:30	8:30	1.00	WOR	39		P		0 CSIP, 0 TSIP. RIH W/ 22-JTS 2 7/8 L-80 EUE TBG. TAGGED CEM TOP @ 10506'. RU POWER SWIVEL.
	8:30	11:00	2.50	WOR	10		P		PUMPED 387 BBLS @ 7.5 BPM. GOT REVERSE CIRCULATION. RETURNING @ 1.5 BPM. DRILLED CEM FROM 10506' TO CBP @ 10515',. PLUGGED UP BIT. RD POWER SWIVEL.
	11:00	15:00	4.00	WOR	39		P		TOOH W/ 226-JTS 2 7/8 L-80 EUE TBG, X-OVER, 105 JTS 2 3/8 N-80 EUE TBG. BIT SUB AND BIT.UN PLUGGED BIT SUB
	15:00	18:00	3.00	WOR	39		P		RIH W/ 3 3/4 ROCK BIT, BIT SUB, 105-JTS 2 3/8 N-80 EUE TBG, X-OVER AND 2014 JTS 2 7/8 L-80 EUE TBG, EOT @ 9825' SECURED WELL SDFN.
10/14/2014	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON POWER SWIVEL FILLED OUT JSA,
	7:30	9:00	1.50	WOR	39		P		400 CSIP, 300 TSIP. BLED DOWN WELL. RIH W/ 22-JTS 2 7/8 L-80 EUE TBG, TAGGED CP @ 10513' RU POWER SWIVEL.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	9:00	12:30	3.50	WOR	10		P		PUMPED 422 BBLS @ 7.5 BPM. GOT REVERSE CIRCULATION, RETURNING 1.5 BPM. DRILLED OUT CBP CIRCULATE TBG CLEAN. RD POWER SWIVEL.
	12:30	13:30	1.00	WOR	39		P		CONTINUE RIH W/ TBG TAGGED CBP @ 11000' RU POWER SWIVEL.
	13:30	15:30	2.00	WOR	10		P		PUMPED 160 BBLS @ 7.5 BPM GOT REVERSE CIRCULATION. RETURNING 1.5 BPM. LOST CIRCULATION PUMPED 60 BBLS DOWN TBG. REVERSED CIRC. W/ 250 BBLS NO CIRCULATION, CONTINUED DRILLING CBP.RD POWER SWIVEL,
	15:30	19:00	3.50	WOR	39		P		RIH PUSHED REMAINS OF CBP TO 12362'. BTM PERF @ 12352'.TOOH W/190- JTS 2 7/8 L-80 EUE TBG.EOT @5200' SECURED WELL SDFN.
10/15/2014	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON TOOH W/ TBG, FILLED OUT JSA
	7:30	10:30	3.00	WOR	39		P		150 CSIP ,100 TSIP BLED DOWN WELL. TOOH W/ 94-JTS 2 7/8 L-80 EUE TBG, X-OVER LD 105-JTS 2 3/8 N-80 EUE TBG, BIT SUB AND BIT.
	10:30	10:30	0.00	WOR	39		P		RIH W/ 5 3/4 NO-GO, 2-JTS 2 7/8 L-80, 5 1/2 PBGA, 2' 2 7/8 N-80 TBG SUB. RU HYDROTESTER, RIH HYDROTESTING @ 8500 PSI. W/ SN, 4' 2 7/8 TBG SUB, 4-JTS 2 7/8 L-80 EUE TBG, 7" TAC AND 253-JTS JTS 2 7/8 L-80 EUE TBG. EOT @ 8194'. SECURED WELL SDFN.
10/16/2014	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON HYDROTESTING TBG, FILLED OUT JSA.
	7:30	9:00	1.50	WOR	39		P		CONTINUED RIH HYDROTESTING @ 8500 PSI W/ 70-JTS 2 7/8 L-80 EUE TBG, (TTL 302-JTS ABOVE TAC.) BLEW HOLES IN 3 -JTS 2 7/8. RD HYDRO TESTER.
	9:00	10:30	1.50	WOR	16		P		SET TAC @ 9649'. SN @ 9781' AND EOT @ 9883'. RD RIG FLOOR, ND BOP, NU WELLHEAD.
	10:30	11:30	1.00	WOR	06		P		FLUSHED TBG W/ 60 BBLS.
	11:30	15:00	3.50	WOR	39		P		PU AND PRIMED NEW 2 1/2" X 1 3/4" X 38' RHBC PUMP. RIH W/ PUMP, 10-1 1/2"K-BARS, 164-3/4", 113-7/8",100-1".SPACED OUT RODS W/1-2" X 1" SUBS. PU NEW POLISH ROD.
	15:00	15:30	0.50	WOR	06		P		FILLED TBG W/ 30 BBLS PRESSURE @ 1000 PSI HELD,
	15:30	16:30	1.00	RDMO	02		P		RD RIG. SLID PUMPING UNIT PWOP. MOVED TO THE 3-28C4. SDFN.