

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Sundance 4-21B4
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		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 713 420-5038
8. ADDRESS OF OPERATOR 1001 Louisiana St., Houston, TX, 77002		9. OPERATOR E-MAIL maria.gomez@elpaso.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') El Paso E & P Company		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1099 18th St, Denver, CO 80202		14. SURFACE OWNER PHONE (if box 12 = 'fee') 303.291.6400
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee') marie.okeefe@elpaso.com
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1197 FSL 1608 FEL	SWSE	21	2.0 S	4.0 W	U
Top of Uppermost Producing Zone	1197 FSL 1608 FEL	SWSE	21	2.0 S	4.0 W	U
At Total Depth	1197 FSL 1608 FEL	SWSE	21	2.0 S	4.0 W	U

21. COUNTY DUCHEсне	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1197	23. NUMBER OF ACRES IN DRILLING UNIT 640
27. ELEVATION - GROUND LEVEL 6399	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2100	26. PROPOSED DEPTH MD: 13300 TVD: 13300
	28. BOND NUMBER 400JU0708	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8335 Duchesne City Water

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	13.375	0 - 1000	54.5	J-55 LT&C	9.0	Class G	670	1.15	15.6
Surf	12.25	9.625	0 - 5292	40.0	N-80 LT&C	9.0	Premium Lite High Strength	1060	1.78	12.0
							Class G	160	1.25	14.4
I1	8.75	7	0 - 10242	29.0	P-110 LT&C	10.5	Premium Lite High Strength	500	1.78	12.0
							Class G	60	1.62	14.1
L1	6.125	4.5	10042 - 13300	13.5	P-110 LT&C	13.5	Class G	210	1.86	14.5

ATTACHMENTS

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Marie Okeefe	TITLE Sr Regulatory Analyst	PHONE 303 291-6417
SIGNATURE	DATE 12/29/2010	EMAIL marie.okeefe@elpaso.com
API NUMBER ASSIGNED 43013505720000	APPROVAL  Permit Manager	

**Sundance 4-21B4
NESE Sec. 21, T2S, R4W
DUCHESNE COUNTY, UT**

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Green River	5,192'
Mahogany Bench	7,112'
L. Green River	8,482'
Wasatch	10,142'
TD	13,300'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	5,192'
	Mahogany Bench	7,112'
Oil	L. Green River	8,482'
Oil	Wasatch	10,142'

3. Pressure Control Equipment: (Schematic Attached)

A 5.0" by 20.0" rotating head on structural pipe from surface to 1000'.

A 2M annular and rotating head with 2M choke and kill lines from 1000' to 5,292' on Conductor.

A 5M BOP stack, 5M kill lines and choke manifold used from 5,292' to 10,242'.

An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 10,242' to TD.

The BOPE and related equipment will meet the requirements of the 2M, 5M and 10M systems respectively.

OPERATORS MINIMUM SPECIFIC FOR BOPE:

The conductor pipe will be equipped with a 2M flanged casing head, and we will NU a 13 5/8" 2M BOP consisting of a minimum 2M annular and a rotating head with 2M choke and kill lines. This annular will be tested to

250 low and 1000 high psi. (50% of rated working pressure) prior to drill out. The choke manifold equipment (designed to 5M specifications as shown in attached diagram), upper Kelly cock, floor safety valves and choke and kill lines will be tested to 250 psi low and 2000 high psi. BOPE will be hydraulically operated.

The surface casing will be equipped with a flanged casing head of 5M PSI working pressure. We will NU a 13 5/8" 5M BOP, 5M Annular. This equipment will be nipped up on the surface casing and tested to 250 psi low test/5M psi high test prior to drilling out. The surface casing will be tested to 1500 psi. Intermediate casing will be tested to the greater of 1500 psi or .22 psi/ft. The 5M choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test and 2500 psi high test or 50% of rated working pressure.

A 10M BOP installed with 5M annular with 3 1/2" rams, blind rams, mud cross and rotating head from 10,685' 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 – 5,292' 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 – 13.5

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 13,300' TD equals approximately 9,337 psi (calculated at 0.702 psi/foot).

Maximum anticipated surface pressure equals approximately 6,411 (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 10,242' and gas to surface (0.1 psi/ft) = 7,169 psi

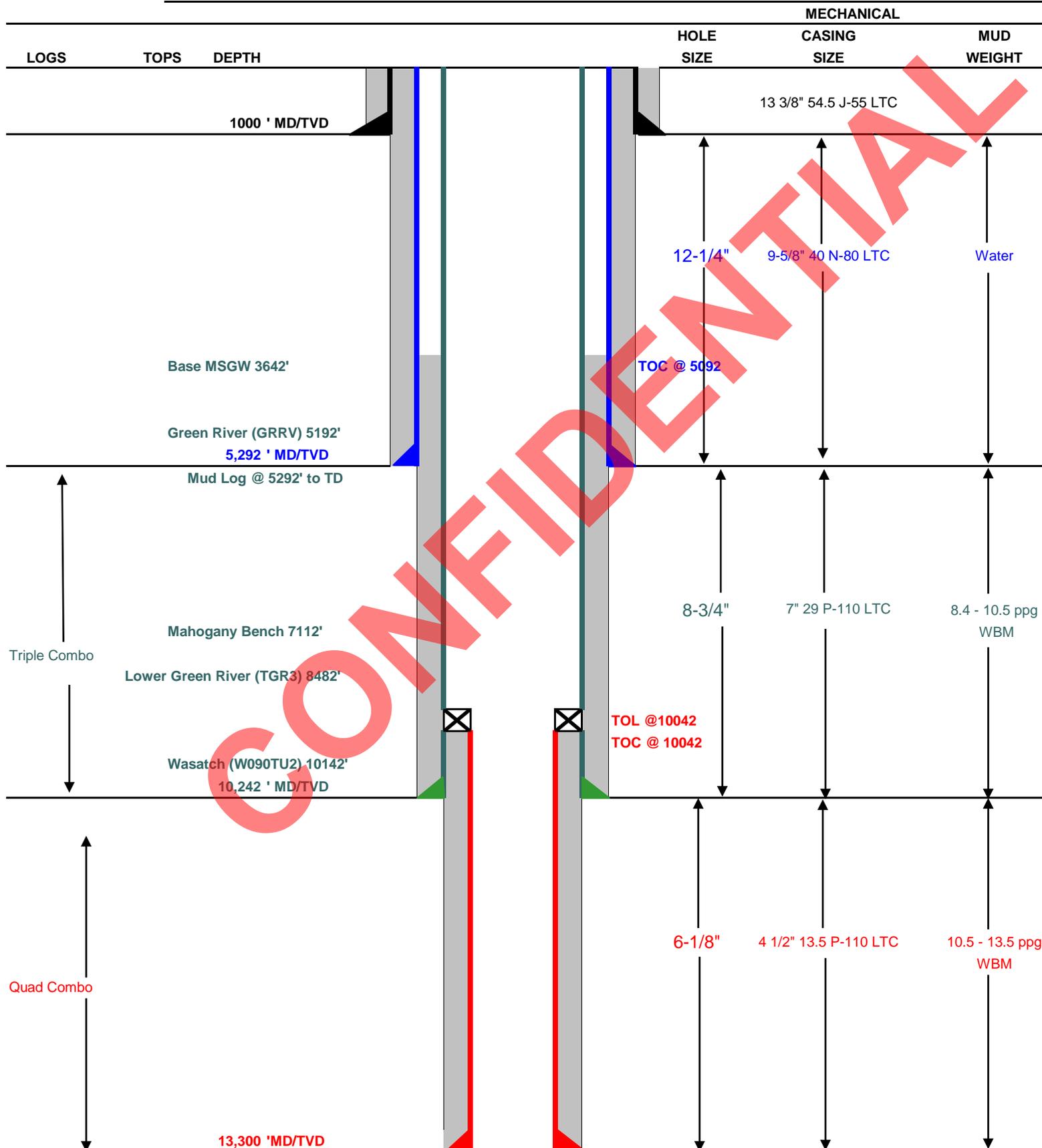
BOPE and casing design is based on the lesser of the two MASPs which is anticipated BHP – partially evacuated gradient 6,411 psi

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



Drilling Schematic

Company Name: El Paso Exploration & Production	Date: _____
Well Name: SUNDANCE 4-21B4	TD: 13,300
Field, County, State: Altamont - Bluebell, Duchesne, Utah	AFE #: _____
Surface Location: Sec 21 T2S R4W 1197' FSL 1608' FEL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 6348'
Rig: Precision drilling 406	Spud (est.): _____
BOPE Info: 5.0 x 13 3/8 rotating head from 1000 to 5292 11 5M BOP stack and 5M kill lines and choke manifold used from 5292 to 10242 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10242 to TD	



DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0' - 1000	54.5	J-55	LTC	2,730 3.41	1,140 2.44	1,399 25.67
SURFACE	9-5/8"	0' - 5292	40.00	N-80	LTC	5,750 1.36	4,230 1.62	737 2.62
INTERMEDIATE	7"	0' - 10242	29.00	P-110	LTC	11,220 1.37	8,530 1.53	797 2.28
PRODUCTION LINER	4 1/2"	10042' - 13300	13.50	P-110	LTC	12,410 5.78	10,680 1.144	338 2.51

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		1000	Class G + 3% CaCl ₂	670	10%	15.6 ppg	1.15
SURFACE	Lead	4,792	12.0 TXI Lead Slurry w/ 1% Extender + .05% FLA + .5% Antifoam + .75% Retarder	1060	25%	12.0 ppg	1.78
	Tail	500	Class G 50:50 poz, 2% CaCl ₂ , 2% gel 0.3% sodium metasilicate	160	25%	14.4 ppg	1.25
INTERMEDIATE	Lead	4,650	12.0 TXI Lead Slurry w/ 1% Extender + .05% FLA + .5% Antifoam + .75% Retarder	500	25%	12.0 ppg	1.78
	Tail	500	0.2 %bwob D167 10:0 RFC (Class G)	60	25%	14.1 ppg	1.62
PRODUCTION LINER		3,258	WellBond Slurry Class G + 35% D66 + 1.6 gps D600G + 0.05 gps D80 + 0.3% D167 + 0.2% D46 + 0.4% D800 + 1% D20	210	25%	14.5 ppg	1.86

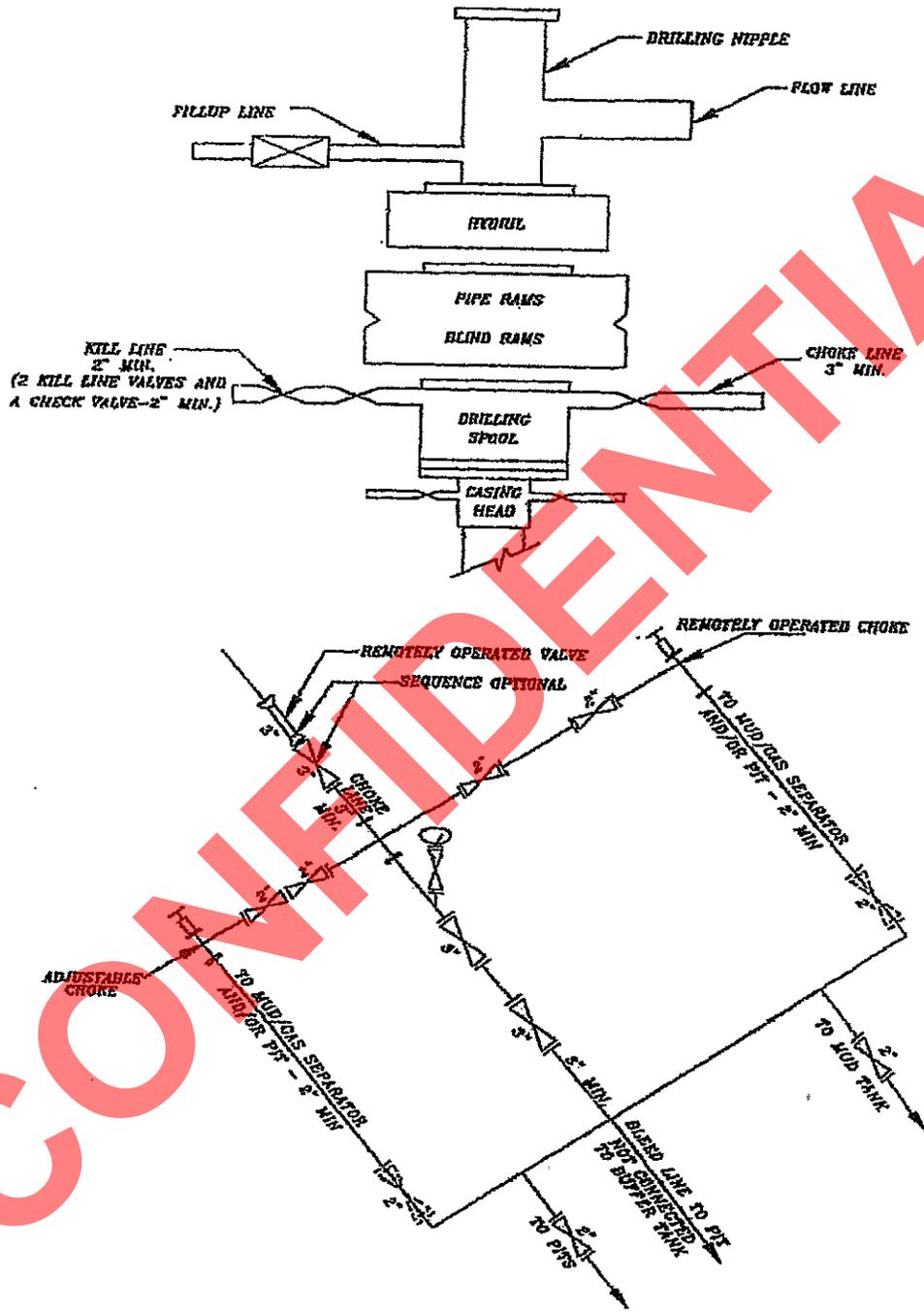
FLOAT EQUIPMENT & CENTRALIZERS

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): Neil McRobbie 303.291.6400

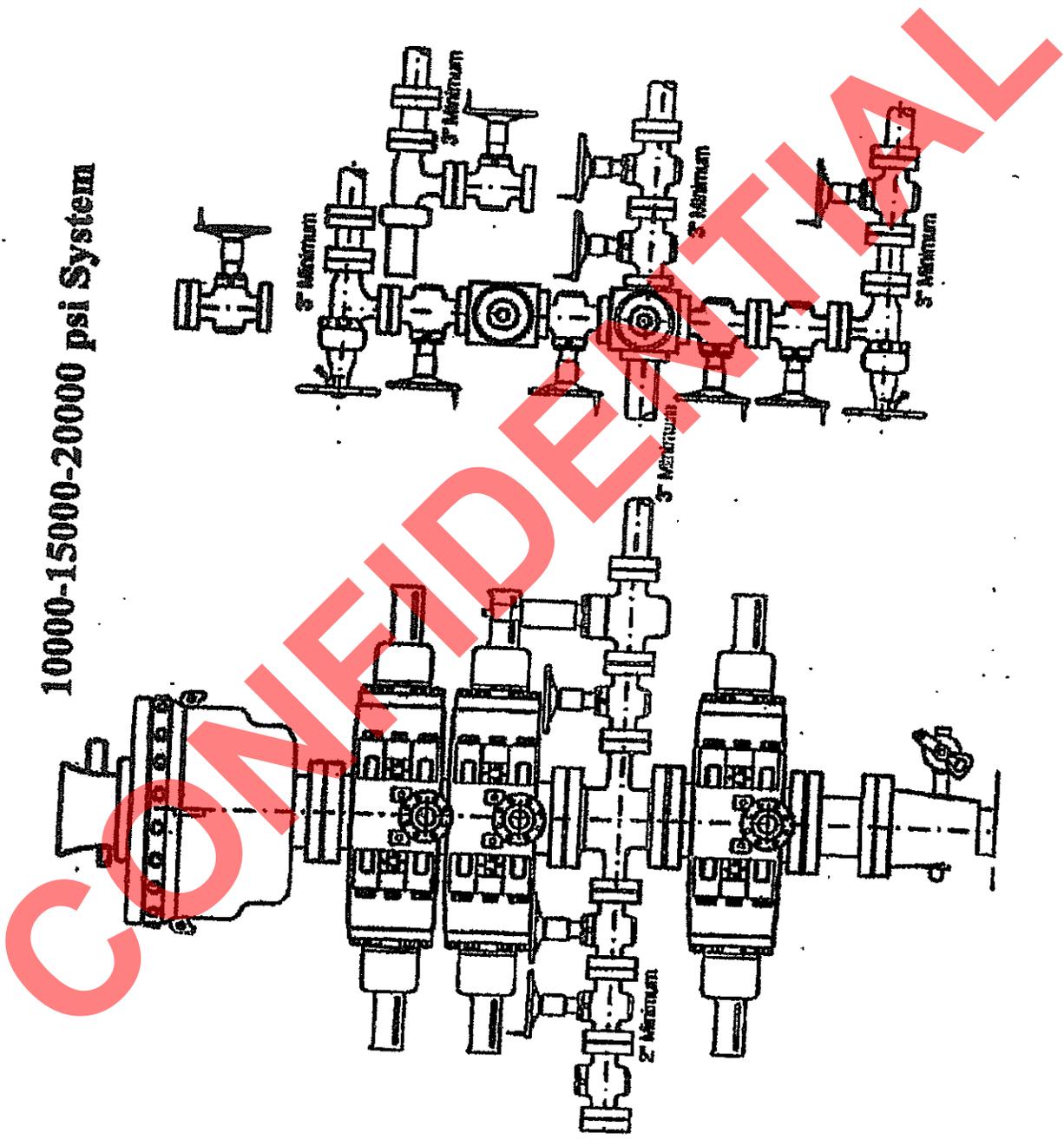
MANAGER: Eric Giles 303.291.6446

5M BOP STACK and CHOKE MANIFOLD SYSTEM



COPIED FROM ORIGINAL

10000-15000-20000 psi System

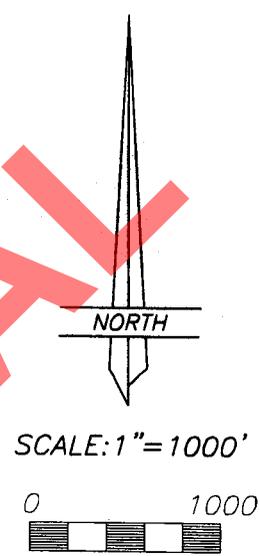
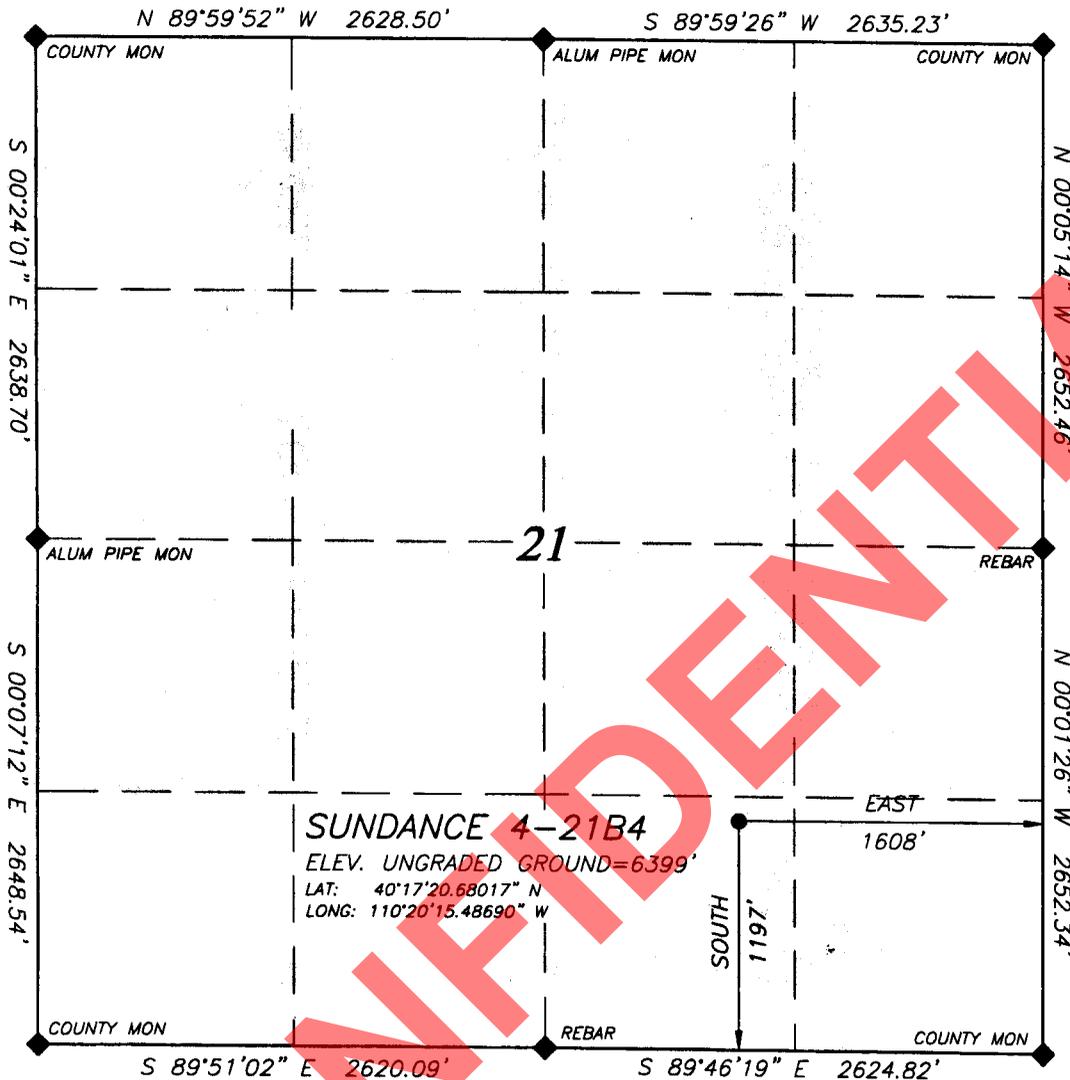


EL PASO E & P COMPANY, L.P.

LOCATED IN THE SW¼ OF THE SE¼ OF SECTION 21, T2S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH

WELL LOCATION

SUNDANCE 4-21B4



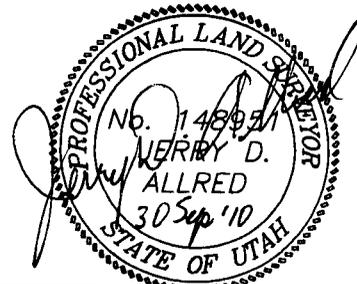
SUNDANCE 4-21B4
 ELEV. UNGRADED GROUND=6399'
 LAT: 40°17'20.68017" N
 LONG: 110°20'15.48690" W

LEGEND AND NOTES

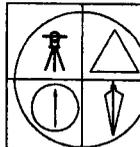
- ◆ **CORNER MONUMENTS FOUND AND USED BY THIS SURVEY**
 THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
 THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
 THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°19'29.81377"N AND LONG. 110°21'24.89272"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.



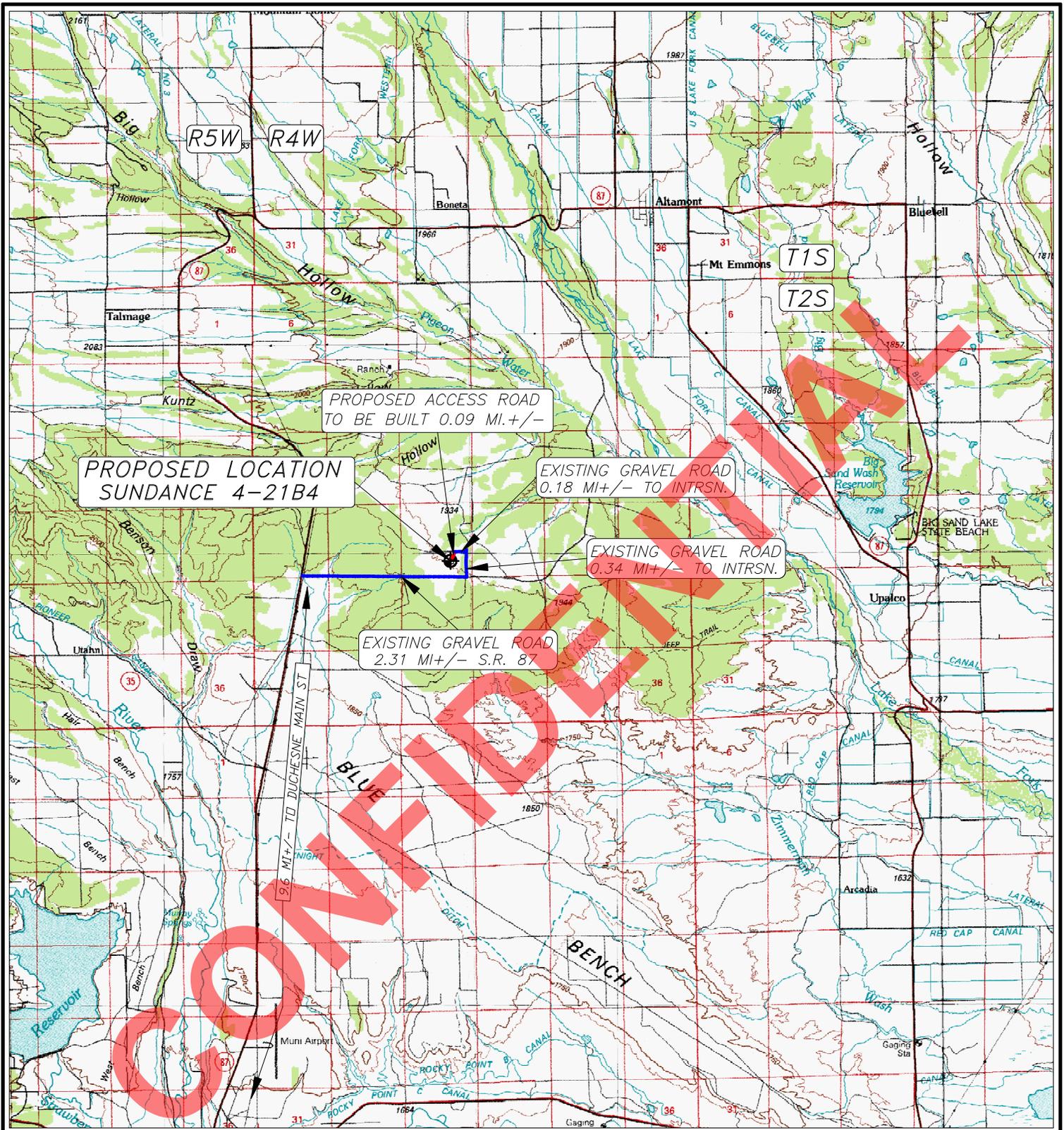
JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)



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

16 SEP 2010 01-128-178

RECEIVED: May. 19, 2011



PROPOSED LOCATION
SUNDANCE 4-21B4

PROPOSED ACCESS ROAD
TO BE BUILT 0.09 MI +/-

EXISTING GRAVEL ROAD
0.18 MI +/- TO INTRSN.

EXISTING GRAVEL ROAD
0.34 MI +/- TO INTRSN.

EXISTING GRAVEL ROAD
2.31 MI +/- S.R. 87

9.6 MI +/- TO DUCHESNE MAIN ST

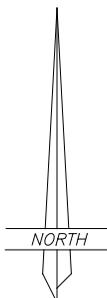
LEGEND:

 PROPOSED WELL LOCATION

01-128-178

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
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EL PASO E & P COMPANY, L.P.

SUNDANCE 4-21B4

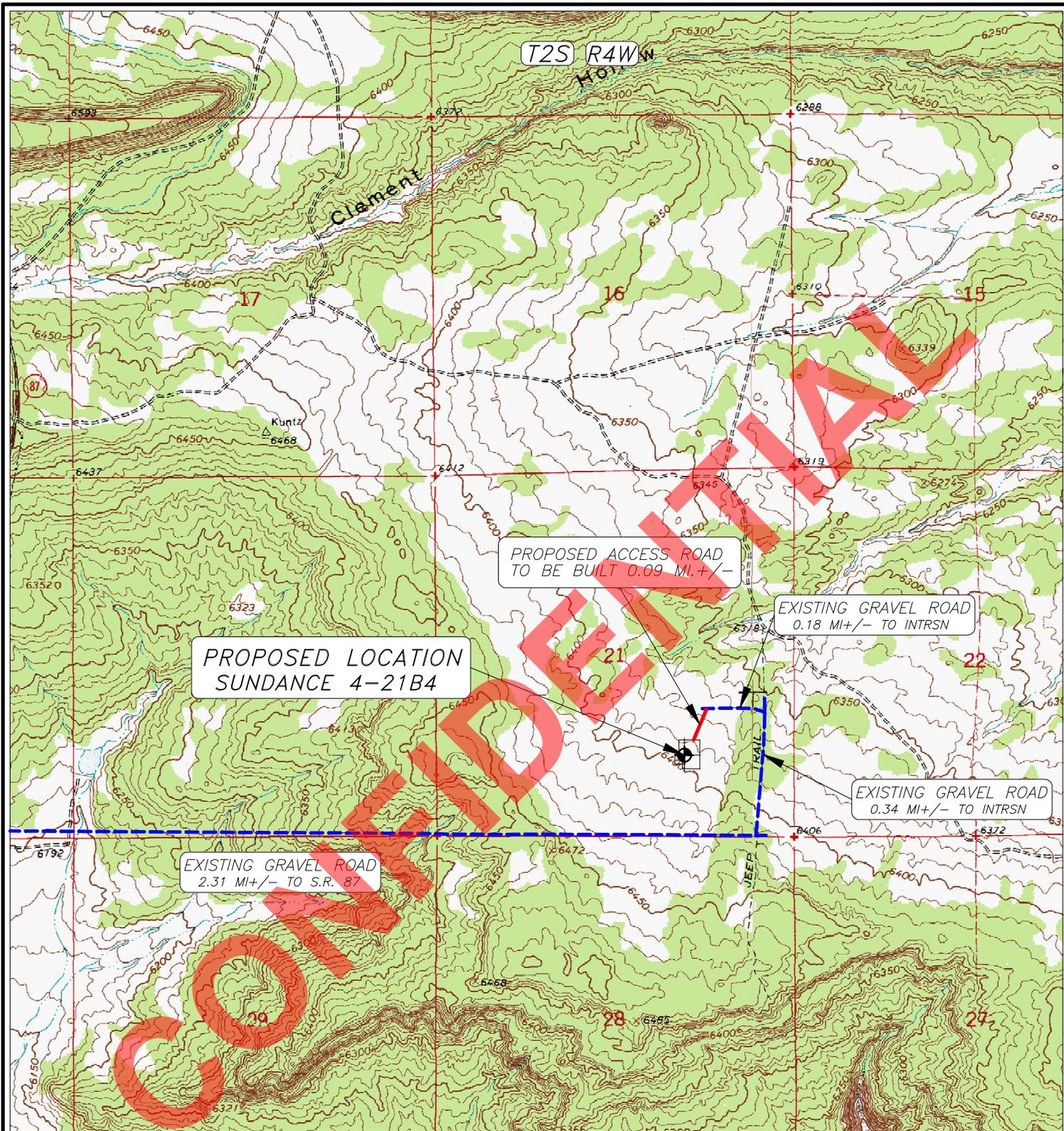
SECTION 21, T2S, R4W, U.S.B.&M.

1197' FSL 1608' FEL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

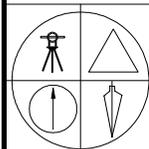
17 SEP 2010



LEGEND:

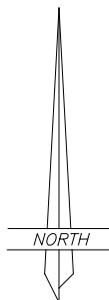
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD
-  EXISTING PAVED ROAD

01-128-178



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

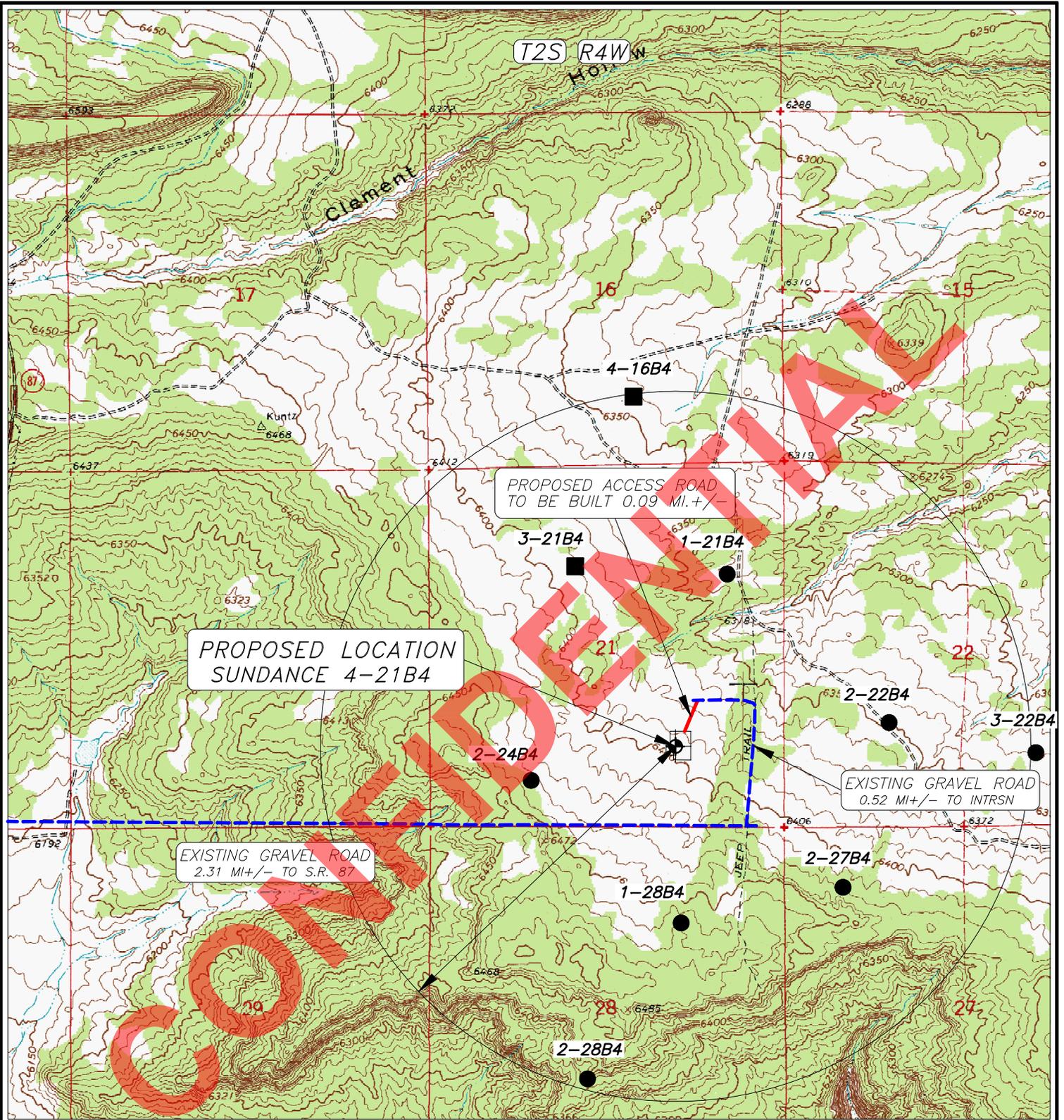


EL PASO E & P COMPANY, L.P.

SUNDANCE 4-21B4
SECTION 21, T2S, R4W, U.S.B.&M.
1197' FSL 1608' FEL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
17 SEP 2010



PROPOSED ACCESS ROAD
TO BE BUILT 0.09 MI. +/-

PROPOSED LOCATION
SUNDANCE 4-21B4

EXISTING GRAVEL ROAD
2.31 MI +/- TO S.R. 87

EXISTING GRAVEL ROAD
0.52 MI +/- TO INTRSN

LEGEND:



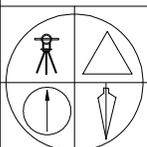
PROPOSED WELL LOCATION



OTHER WELLS AS LOCATED FROM
SUPPLIED MAP

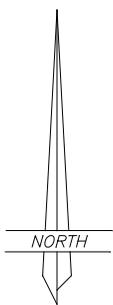
2-2506

01-128-178



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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



EL PASO E & P COMPANY, L.P.

SUNDANCE 4-21B4
SECTION 21, T2S, R4W, U.S.B.&M.
1197' FSL 1608' FEL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'
17 SEP 2010

AFFIDAVIT OF SURFACE OWNERSHIP

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 and the surface owner ("Surface Owner") of the proposed Sundance 4-21B4 well (the "Well") to be located in the NE/4 of the SW/4 of the SE/4 of Section 21, Township 2 South, Range 4 West, USM, Duchesne County, Utah (the "Drillsite Location").

FURTHER AFFIANT SAYETH NOT.


 Catherine L. Hammock

ACKNOWLEDGMENT

STATE OF COLORADO

CITY AND COUNTY OF DENVER

§
§
§

Before me, a Notary Public, in and for this state, on this 15th day of November, 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.


 NOTARY PUBLIC

My Commission Expires:

**RANAE L. JOHNSON
 NOTARY PUBLIC
 STATE OF COLORADO**

My Commission Expires 09/26/2014

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 .09 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: 43-8335 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 .09 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 placed 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:

El Paso E & P Company

1099 18th St Ste 1900

Denver, CO 80202

Phone: 303.291.6400

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 O'Keefe

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.
SUNDANCE 4-21B4
SECTION 21, T2S, R4W, U.S.B.&M.

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND STATE HIGHWAY 87 IN DUCHESNE, UTAH PROCEED NORTH 9.6 MILES TO AN INTERSECTION WITH A GRAVEL ROAD;

TURN RIGHT ON GRAVEL ROAD AND TRAVEL EASTERLY 2.31 MILES TO AN INTERSECTION;

TURN LEFT ON GRAVEL ROAD AND TRAVEL NORTH 0.34 MILES TO AN INTERSECTION

TURN LEFT AND TRAVEL WEST 0.18 MILES ALONG A GRAVEL ROAD TO THE PROPOSED ACCESS ROAD

TURN LEFT AND FOLLOW ROAD FLAGS SOUTHERLY 0.09 MILES TO THE TO THE PROPOSED LOCATION.

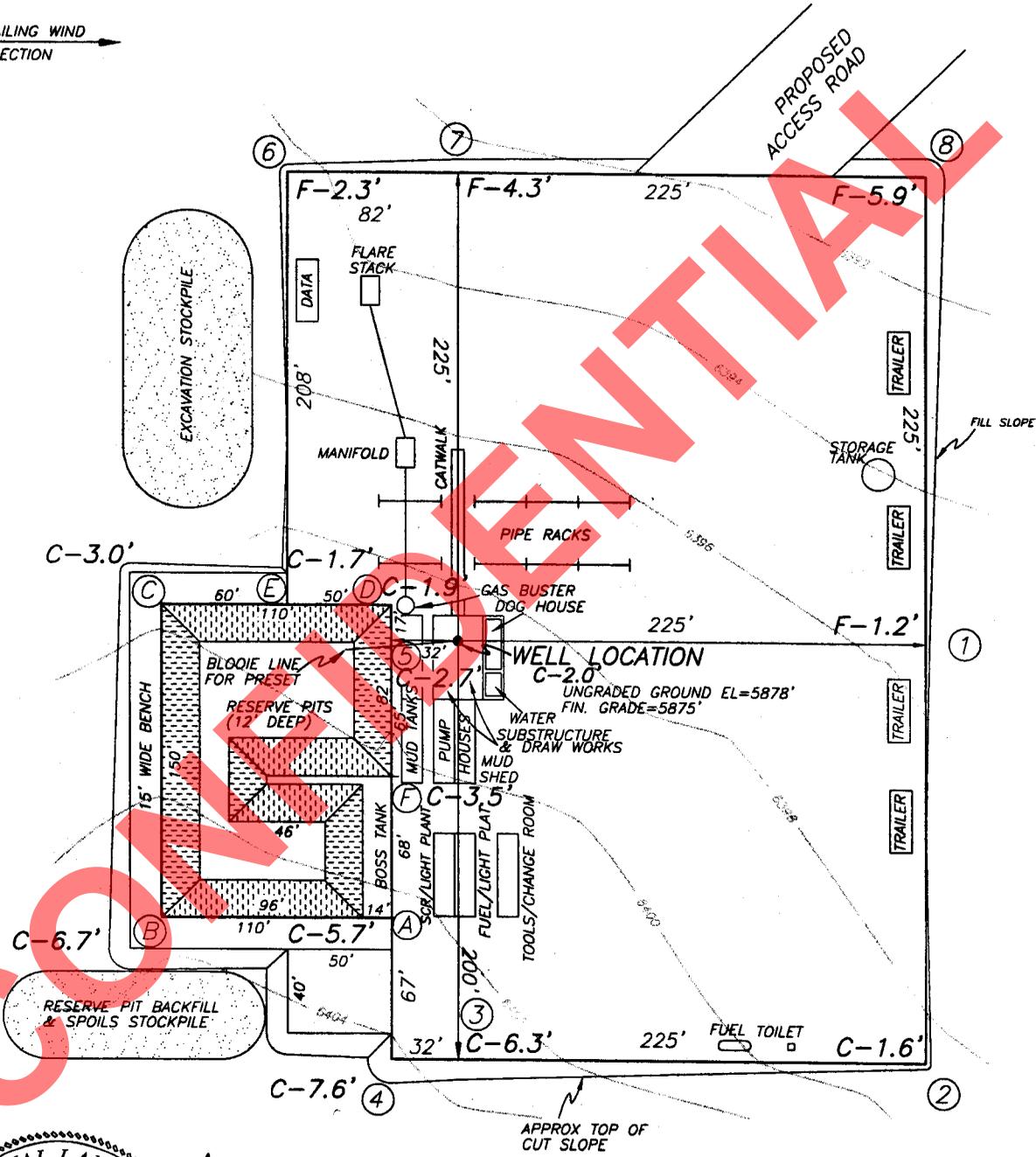
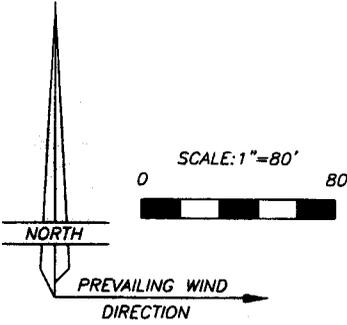
TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 12.52 MILES.

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EL PASO E & P COMPANY, L.P.

FIGURE #1

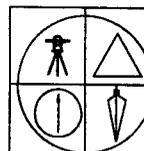
LOCATION LAYOUT FOR
SUNDANCE 4-21B4
SECTION 21 T2S, R4W, U.S.B.&M.
1197' FSL, 1608' FEL



No. 14896
 JERRY D. ALLRED
 30 Sep '10
 STATE OF UTAH

27 SEP 2010

01-128-178



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

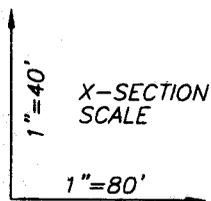
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

RECEIVED: May. 19, 2011

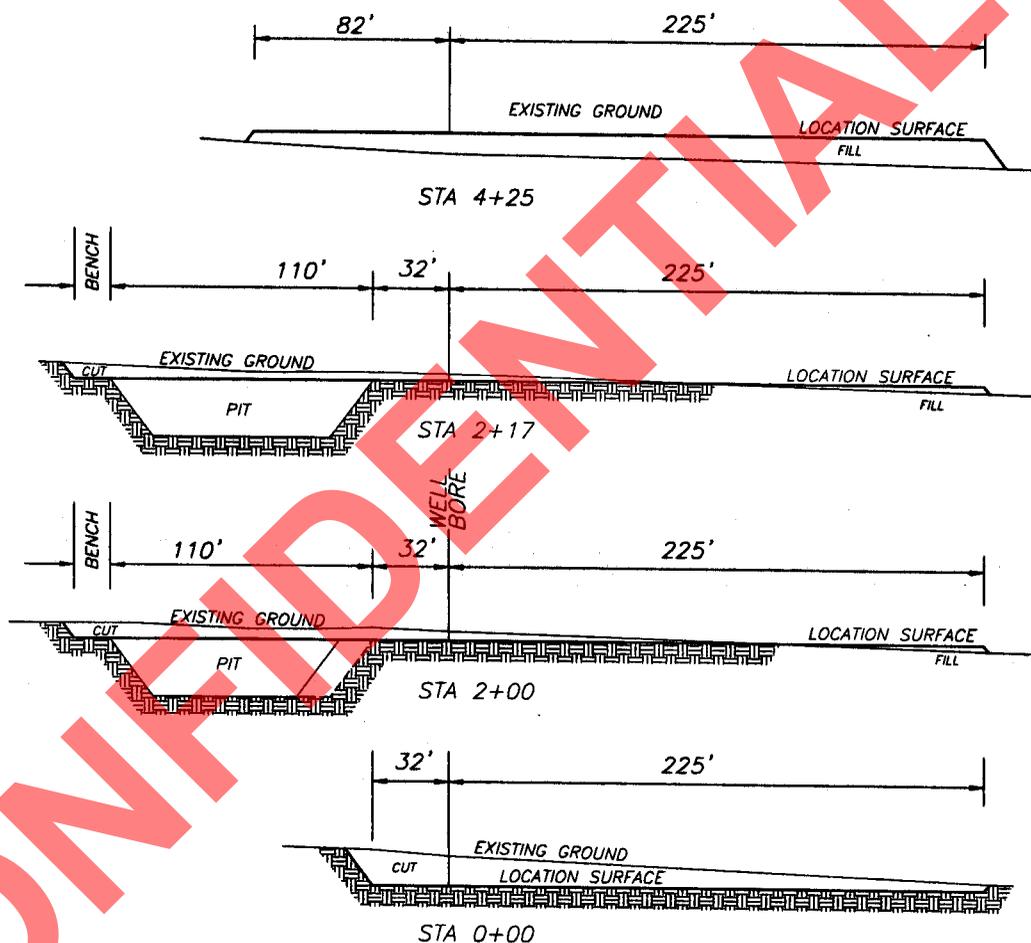
EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
 SUNDANCE 4-21B4
 SECTION 21 T2S, R4W, U.S.B.&M.
 1197' FSL, 1608' FEL

FIGURE #2



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



APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 14,778 CU. YDS.

PIT CUT = 4572 CU. YDS.

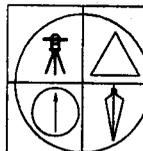
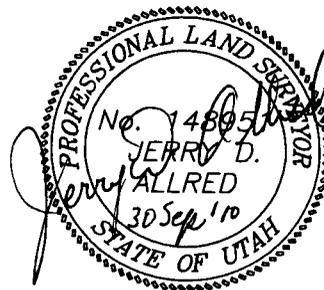
TOPSOIL STRIPPING: (6") = 2821 CU. YDS.

REMAINING LOCATION CUT = 7385 CU. YDS.

TOTAL FILL = 6759 CU. YDS.

LOCATION SURFACE GRAVEL=1504 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=139 CU. YDS.



JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS

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

27 SEP 2010

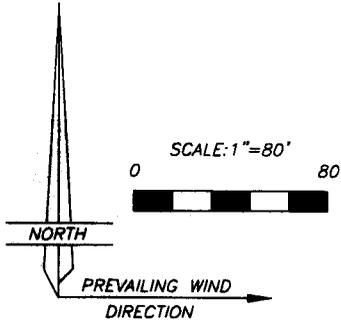
01-128-178

RECEIVED: May. 19, 2011

EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
SUNDANCE 4-21B4
SECTION 21 T2S, R4W, U.S.B.&M.
1197' FSL, 1608' FEL

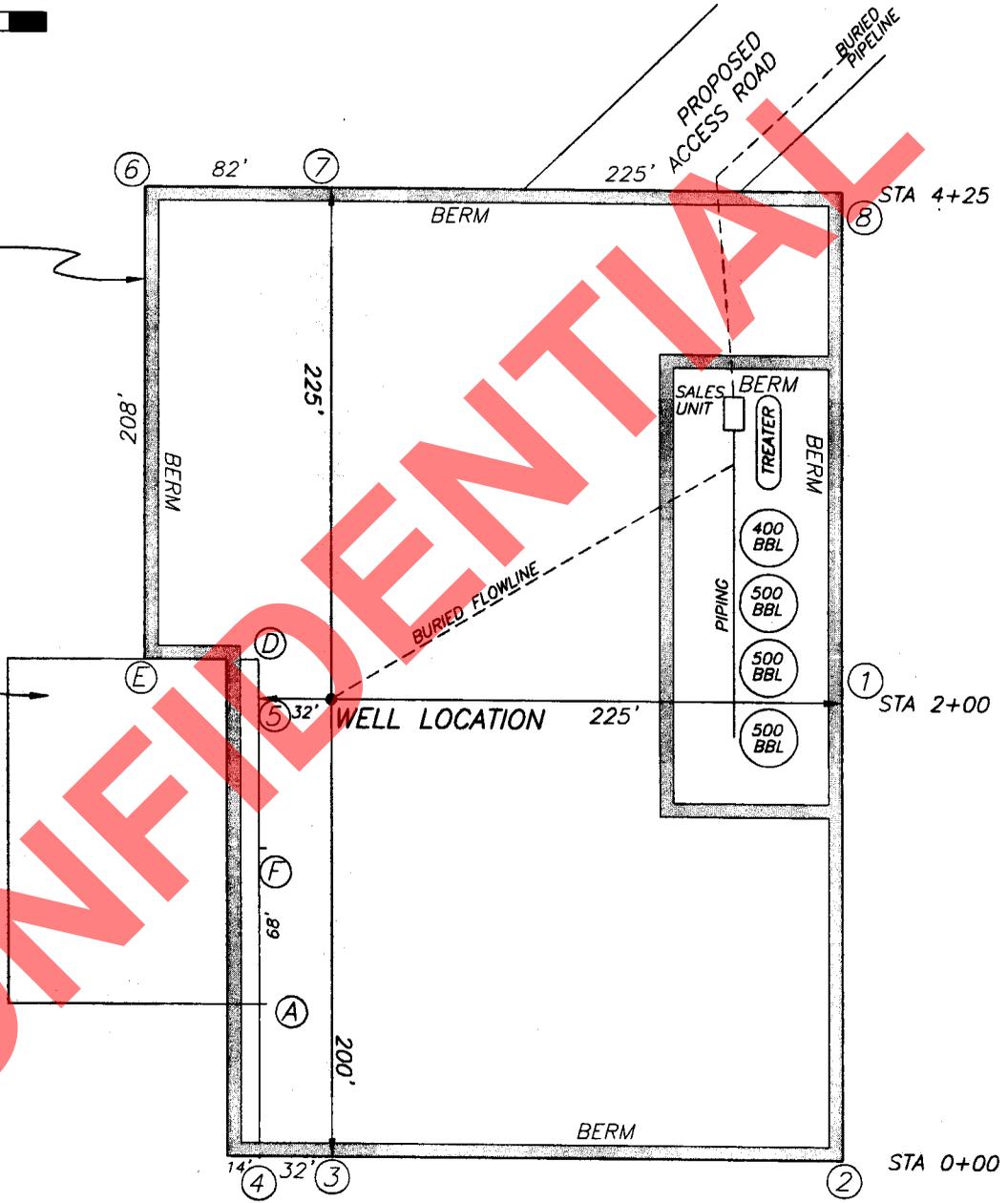
FIGURE #3



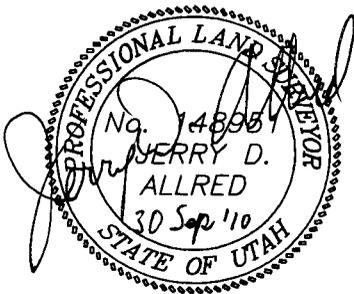
WELL PAD AREA
BERMED AND USED
FOR PRODUCTION

ENTIRE WELL PAD
RECONTOURED BACK
TO AVERAGE SLOPE
FOR FINAL SURFACE
RECLAMATION AFTER
PRODUCTION

PIT AREA REGRADED
BACK TO SLOPE FOR
INTERIM RECLAMATION



CONFIDENTIAL



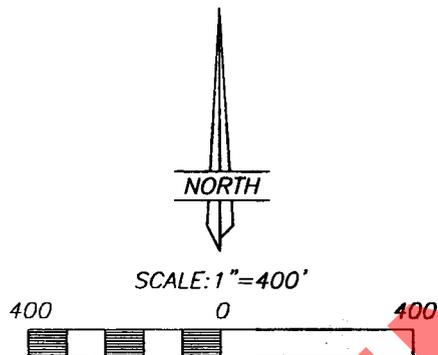
	JERRY D. ALLRED & ASSOCIATES SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352	

27 SEP 2010

01-128-178

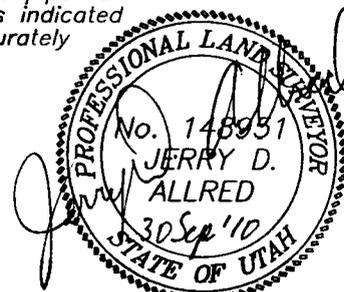
RECEIVED: May. 19, 2011

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE
 CORRIDOR RIGHT-OF-WAY SURVEY FOR
ELPASO E&P COMPANY, L.P.
SUNDANCE 4-21B4
 SECTION 21, T2S, R4W, U.S.B.&M.
 LOTS 88A AND 89B, SUNDANCE WEST UNIT C
 DUCHESNE COUNTY, UTAH



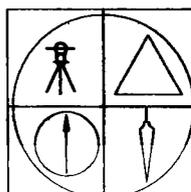
SURVEYOR'S CERTIFICATE

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, power line, 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)

CONFIDENTIAL



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

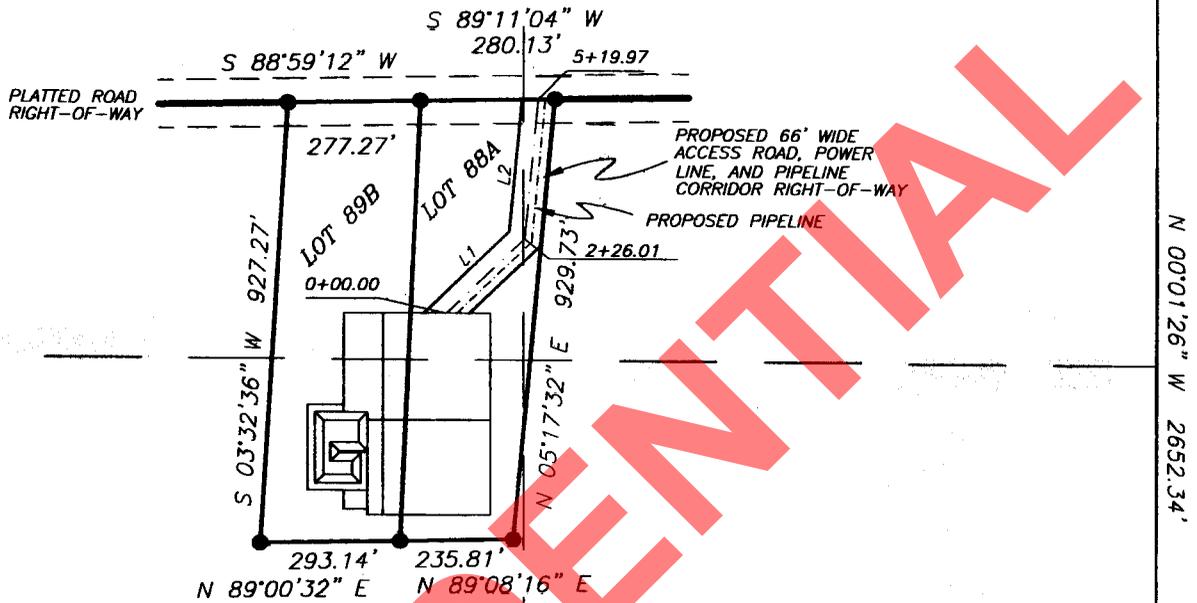
17 SEP 2010

01-128-178

21

FOUND 1/2" BAR

EL PASO E & P COMPANY, L.P.
SUNDANCE 4-21B4



LINE	BEARING	DISTANCE
L1	N 46°05'43" E	226.01'
L2	N 05°17'06" E	293.96'

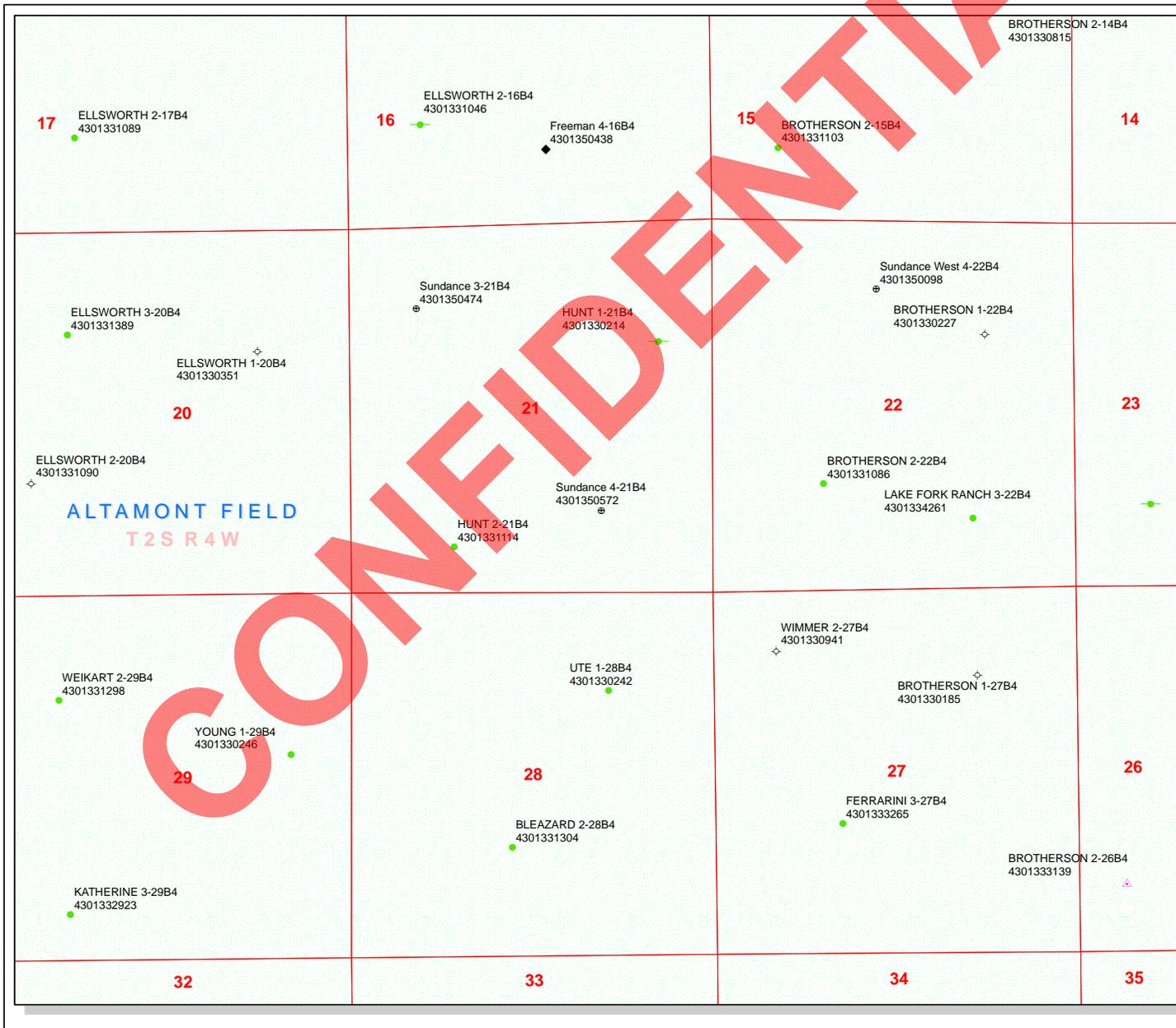
FOUND 1/2" BAR

SEC 21 SEC 22
SEC 28 SEC 27

S 89°46'19" E 2624.82'

FOUND COUNTY MONUMENT

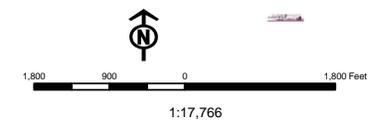
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API Number: 4301350572
Well Name: Sundance 4-21B4
Township 02.0 S Range 04.0 W Section 21
Meridian: UBM
 Operator: EL PASO E&P COMPANY, LP

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | Status |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned |
| PI OIL | LOC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERML | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| Fields | SGW - Shut-in Gas Well |
| Unknown | SOW - Shut-in Oil Well |
| ABANDONED | TA - Temp. Abandoned |
| ACTIVE | TW - Test Well |
| COMBINED | WDW - Water Disposal |
| INACTIVE | WIW - Water Injection Well |
| STORAGE | WSW - Water Supply Well |
| TERMINATED | |
| Sections | |
| Township | |



Well Name	EL PASO E&P COMPANY, LP Sundance 4-21B4 4301350572			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	1000	5292	10242	13300
Previous Shoe Setting Depth (TVD)	0	1000	5292	10242
Max Mud Weight (ppg)	9.0	9.0	10.5	13.5
BOPE Proposed (psi)	1000	2000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	11220
Operators Max Anticipated Pressure (psi)	9337			13.5

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	468	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	348	YES <input type="checkbox"/> rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	248	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	248	NO <input type="checkbox"/> 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=	2477	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1842	YES <input type="checkbox"/> rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1313	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1533	NO <input type="checkbox"/> Reasonable for area
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

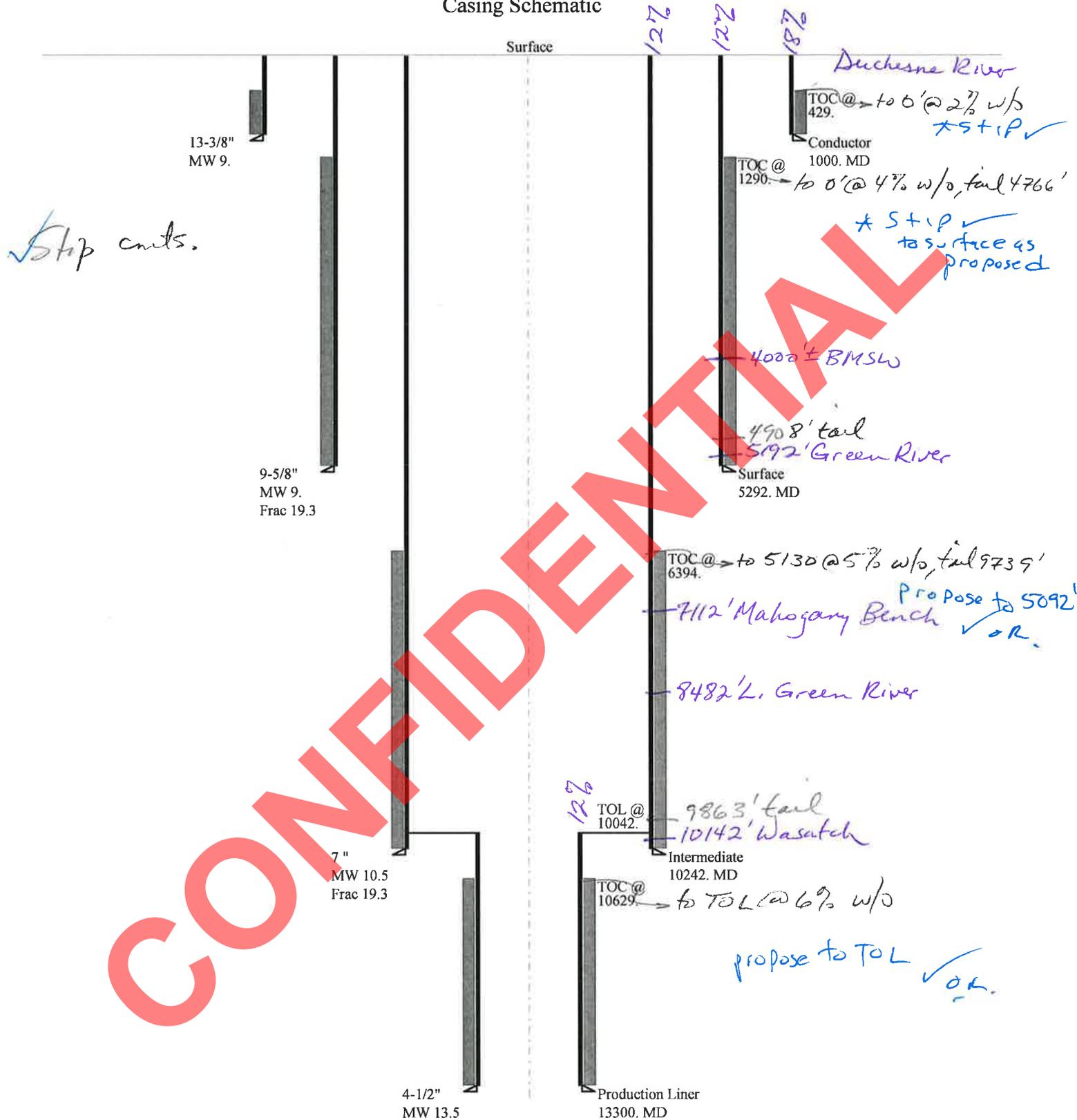
Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	5592	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4363	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3339	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4503	YES <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		5292	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	9337	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	7741	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	6411	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8664	YES <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		7854	psi

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43013505720000 Sundance 4-21B4

Casing Schematic



Well name:	43013505720000 Sundance 4-21B4		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Conductor	Project ID:	43-013-50572
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 88 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 429 ft

Burst

Max anticipated surface pressure: 347 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 467 psi

No backup mud specified.

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)

Non-directional string.

Tension is based on air weight.
 Neutral point: 867 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	13.375	54.50	J-55	ST&C	1000	1000	12.49	12406
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	467	1130	2.417	467	2730	5.84	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 17, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 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.

Well name:	43013505720000 Sundance 4-21B4	
Operator:	EL PASO E&P COMPANY, LP	Project ID:
String type:	Surface	43-013-50572
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 148 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 1,290 ft

Burst

Max anticipated surface pressure: 1,722 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 2,887 psi

No backup mud specified.

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: 4,584 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 5,292 ft
 Next mud weight: 10.500 ppg
 Next setting BHP: 2,887 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 5,292 ft
 Injection pressure: 5,292 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	5292	9.625	40.00	N-80	LT&C	5292	5292	8.75	67340
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	2474	3090	1.249	2887	5750	1.99	211.7	737	3.48 J

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

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

Date: May 17, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5292 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.

Well name:	43013505720000 Sundance 4-21B4		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Intermediate	Project ID:	43-013-50572
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 6,401 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 8,655 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: 8,614 ft

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 217 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: 6,394 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 13,300 ft
 Next mud weight: 13.500 ppg
 Next setting BHP: 9,327 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 10,242 ft
 Injection pressure: 10,242 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	10242	7	29.00	P-110	LT&C	10242	10242	6.059	115659
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	5587	8530	1.527	8655	11220	1.30	297	797	2.68 J

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

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

Date: May 17, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10242 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.

Well name:	43013505720000 Sundance 4-21B4		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Production Liner	Project ID:	43-013-50572
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 6,401 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 9,327 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: 12,642 ft

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 260 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 10,629 ft

Liner top: 10,042 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	3300	4.5	13.50	P-110	LT&C	13300	13300	3.795	18491
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	9327	10680	1.145	9327	12410	1.33	44.5	338	7.59 J

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

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

Date: May 17, 2011
 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 13300 ft, a mud weight of 13.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EL PASO E&P COMPANY, LP
Well Name Sundance 4-21B4
API Number 43013505720000 **APD No** 3359 **Field/Unit** ALTAMONT
Location: 1/4,1/4 SWSE **Sec** 21 **Tw** 2.0S **Rng** 4.0W 1197 FSL 1608 FEL
GPS Coord (UTM) 556365 4459851 **Surface Owner** El Paso E & P Company

Participants

Jarred Thacker (El Paso); Dennis Ingram (DOGM)

Regional/Local Setting & Topography

Well site was staked approximately 9.6 miles north of Duchesne Utah along highway 87, then turn east on the Caravan Lane county road for 2.31 miles, then north along existing county road for another 0.34 miles, then west 0.09 miles into well pad. The immediate area around proposed well site is pinion/juniper habitat on the northern reaches of Blue Bench. Topography surrounding this site generally slopes northeast into and drains into draw that continues on northeasterly into Pigeon Water Creek which turns southeast into the Lake Fork River Drainage. Further north another two miles Cement Hollow is found, and also drains this bench country easterly into Pigeon Water Creek. Approximately a half mile south the surface drops off into Blue Bench, the transition from these two surfaces are broken sandstone, rocky outcroppings that are typical of this region. West and east of the well site is more pinion/juniper habitat with sands and clays, a dry region that has been broken up into five acre properties owned by various individuals; much of the land to the east is owned by the Lake Fork Ranch operations.

Surface Use Plan

Current Surface Use
Deer Winter Range

New Road Miles	Well Pad Width 307 Length 425	Src Const Material	Surface Formation
0.09		Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Open Sagebrush and grasslands, has old dead brush, healthy mature and young, new growth on surface; potential mule deer winter range, coyote and other smaller mammals and bird life native to region.

Soil Type and Characteristics

Reddish, tan sandy loam with some clays present.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

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>10000	15	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
Final Score		25	1 Sensitivity Level

Characteristics / Requirements

Proposed reserve pit is staked on the southwestern side of location in cut and measuring 110' x 150' x 12' deep, with the prevailing winds from the west.

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

Other Observations / Comments

Surface bought and owned by El Paso, surface at site slopes northeasterly, open sagebrush habitat, no drainages present other than shallow wash which is not an issue, did not notice any dwelling with the county ordinance distance, no issues brought up during presite meeting, none observed.

Dennis Ingram
Evaluator

5/12/2011
Date / Time

Application for Permit to Drill Statement of Basis

5/19/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3359	43013505720000	LOCKED	OW	P	No
Operator	EL PASO E&P COMPANY, LP		Surface Owner-APD	El Paso E & P Company	
Well Name	Sundance 4-21B4		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	SWSE 21 2S 4W U 1197 FSL 1608 FEL GPS Coord (UTM) 556362E 4459855N				

Geologic Statement of Basis

El Paso proposes to set 1,000 feet of conductor and 5,292 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 4,000 feet. A search of Division of Water Rights records indicates that there are 37 water wells within a 10,000 foot radius of the center of Section 21. These wells range in depth from 175-500 feet. Average depth is approximately 350-400 feet. Two wells appear to be within 1/4 mile of the proposed location. Both are listed as 400 feet deep. The wells are listed as being used for irrigation, stock watering, oil exploration and domestic. These water wells probably produce from the Duchesne River Formation which is a highly used aquifer in this area. El Paso should consider obtaining a background water analysis on any water wells located adjacent to the proposed well. The proposed drilling, casing and cement program should adequately protect usable ground water in this area.

Brad Hill
APD Evaluator

5/16/2011
Date / Time

Surface Statement of Basis

A presite visit was done on May 12, 2011 to take input and address issues regarding the construction and drilling of this well. El Paso has purchased the surface and was therefore the landowner and operator of this site. A landowner agreement is therefore is a non-issue.

The surface area slopes gently to the northeast and in sagebrush, grassland habitat. There wasn't any known surface water in the immediate area, nor issues regarding land use or ownership. El Paso shall construct the location and reserve pit according to the data they supplied in their Application to drill, and utilize the same standards while constructing the reserve pit and lining it that has been done on previous locations.

Dennis Ingram
Onsite Evaluator

5/12/2011
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. (operator states on their APD that a 20 mil will be installed).

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/29/2010

API NO. ASSIGNED: 43013505720000

WELL NAME: Sundance 4-21B4

OPERATOR: EL PASO E&P COMPANY, LP (N3065)

PHONE NUMBER: 303 291-6417

CONTACT: Marie Okeefe

PROPOSED LOCATION: SWSE 21 020S 040W

Permit Tech Review:

SURFACE: 1197 FSL 1608 FEL

Engineering Review:

BOTTOM: 1197 FSL 1608 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.28919

LONGITUDE: -110.33693

UTM SURF EASTINGS: 556362.00

NORTHINGS: 4459855.00

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:

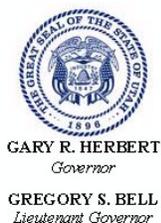
- PLAT
 - Bond: STATE/FEE - 400JU0708
 - Potash
 - Oil Shale 190-5
 - Oil Shale 190-3
 - Oil Shale 190-13
 - Water Permit: 43-8335 Duchesne City Water
 - RDCC Review:
 - Fee Surface Agreement
 - Intent to Commingle
- Commingling Approved**

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 - hmacdonald
12 - Cement Volume (3) - ddoucet



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: Sundance 4-21B4
API Well Number: 43013505720000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 5/19/2011

Issued to:

EL PASO E&P COMPANY, LP, 1001 Louisiana St., Houston, TX 77002

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.

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 5092' 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 <http://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:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Sundance 4-21B4	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013505720000	
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: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U	COUNTY: DUCHESNE	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/22/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input checked="" type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Change well name from Sundance 4-21B4 to El Paso 4-21B4.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 6/22/2011	

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

FORM 6

ENTITY ACTION FORM

Operator: El Paso E&P Company, L.P. Operator Account Number: N 3065
 Address: 1001 Louisiana, Rm 2730D
city Houston
state TX zip 77002 Phone Number: (713) 420-5038

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350572	El Paso 4-21B4		SWSE	21	2S	4W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18152	7/31/2011			8/4/11	
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)

Maria S. Gomez

Name (Please Print)

Maria S. Gomez

Signature

Sr. Regulatory Analyst

8/1/2011

Title

Date

RECEIVED

AUG 01 2011

(5/2000)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: EL PASO 4-21B4	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013505720000	
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: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/1/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input style="width: 50px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
El Paso plans to set 13 3/8" casing @ 650' instead of the 1000' permitted. Set the 9 5/8" casing will be set @ 4800' instead of the 5292' permitted. Set the 7" casing @10800' instead of the permitted 10242'.		
		Approved by the Utah Division of Oil, Gas and Mining Date: <u>10/03/2011</u> By: <u><i>Dark K. Quist</i></u>
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 8/31/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee	
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1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: EL PASO 4-21B4		
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013505720000		
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: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U	COUNTY: DUCHESNE		
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/17/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
El Paso need to change the surface casing setting from 5292' to 5850'.			
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: <u>10/12/2011</u></p> <p style="color: red; font-weight: bold;">By: <u><i>Derek Duff</i></u></p>			
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst	
SIGNATURE N/A	DATE 10/12/2011		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
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		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: EL PASO 4-21B4	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013505720000	
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: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/14/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. See attached Operations Report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 11/14/2011	

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-21 B4		
Project	ALTAMONT FIELD	Site	EL PASO 4-21B4
Rig Name/No.	PROPETRO/, PROPETRO/, PETE MARTIN/, PRECISION DRILLING/404	Event	DRILLING LAND
Start Date	10/17/2011	End Date	
Spud Date		UWI	SUNDANCE WEST 4-21 B4
Active Datum	KB @0.0ft (above Mean Sea Level)		
Afe No./Description	148235/43780 / EL PASO 4-21B4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
8/1/2011	6:00 6:00	24.00	DRLSURF	07		P	0.0	DRILL & SET CONDUCTOR
8/5/2011	6:00 6:00	24.00	MIRU	01		P	40.0	MOVE IN RIG UP, DRILL F/ 40' - 90', TRIP OUT LAY DOWN 6" DCs, PICK UP 8"DCs, TRIP IN, DRILL F/ 90' - 560', RUN SURVEY, DRILL F/ 560' - 620', RIG UP BOOSTER, DRILL F/ 620' - 830' REPAIRE ANTIFREEZE LEAK, DRILL F/ 830' - 1055', SURVEY, TRIP OUT LAY DOWN DRILLSTRING, RIG UP AND RUN 24 JOITNS OF 13 3/8 54.5# STC 8RND RNG 3 CASING WITH 4 BOW SPRING CENTRALIZERS. CASING SET AT 1024' GROUND LEVEL, RIG DOWN MOVE OUT RIG, RIG UP CEMENTERS AND CEMENT WITH 204.8 BBLS 15.8 PPG, 1.15 YIELD, 5 GAL/SK WATER. DROPPED PLUGGED ON FLY. DISPLACED W/ 151.8 BBLS WATER. BUMPED PLUG @ 09:00. ANNULUS HOLDING. 100 BBLS CEMENT RETURNS. RD & RELEASE PRO PETRO @ 0930 HRS ON 09/06/2011, END JOB
10/19/2011	6:00 6:00	24.00	MIRU	01		P	1,055.0	PJSM, MOVE IN 70% RIGGED UP 20%
10/20/2011	6:00 6:00	24.00	MIRU	01		P	1,055.0	PJSM, MOVE IN 100% RIGGED UP 80%, WELDING ON 13 3/8" x 13 5/8" WELLHEAD
10/21/2011	6:00 6:30	0.50	MIRU	01		P	1,055.0	FINISHED WELDING ON 13 3/8" x 13 5/8" 3M WELLHEAD - TESTED VOID TO 800 PSI FOR 10 MINUTES, OK!
	6:30 15:00	8.50	MIRU	01		P	1,055.0	NU DIVERTER, CHOKE LINES, FLOW LINES AND GAS BUSTER.
	15:00 3:00	12.00	MIRU	01		P	1,055.0	TEST CHOKE MANIFOLD 250 PSI LOW 3000 PSI HIGH FOR 10 MIN. TEST ANNULAR, HCR VALVE, MANUAL CHOKE AND KILL LINE VALVES 250 PSI LOW AND 2500 PSI HIGH FOR 10 MIN. PRESS TEST TOP DRIVE 250 PSI LOW 5000 PSI HIGH. TEST STAND PIPE & MUD LINES 250 LOW 4000 PSI HIGH. NU FLARE LINE
10/22/2011	3:00 6:00	3.00	DRLSURF	14		P	1,055.0	PU TIH W/ BHA #1
	6:00 8:00	2.00	DRLSURF	14		P	1,055.0	PU BHA RIH TO 529'
	8:00 10:00	2.00	DRLSURF	17		P	1,055.0	SLIP & CUT DRILLING LINE
	10:00 11:30	1.50	DRLSURF	14		P	1,055.0	PU RIH W / DP TAGGED CMT @ 945'
	11:30 13:30	2.00	DRLSURF	72		P	1,055.0	DRILL CMT F/ 945' - 979'
	13:30 15:00	1.50	DRLSURF	31		P	1,055.0	PRESSURE TEST CASING TO 1100 PSI FOR 30 MIN
15:00 17:00	2.00	DRLSURF	72		P	1,055.0	DRILL CMT F/ 979' - 1055'	

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
10/23/2011	17:00 6:00	13.00	DRLSURF	07		P	1,055.0	DRILL F/ 1055' - 2086'
	6:00 13:30	7.50	DRLSURF	07		P	2,086.0	DRILL F/ 2,086' TO 2,645'
	13:30 14:00	0.50	DRLSURF	12		P	2,645.0	SERVICE RIG
	14:00 6:00	16.00	DRLSURF	07		P	2,645.0	DRILLING F/ 2,645' TO 3,630'
10/24/2011	6:00 12:30	6.50	DRLSURF	07		P	3,630.0	DRILL F/ 3,630' T/ 3,950'
	12:30 13:00	0.50	DRLSURF	12		P	3,950.0	SERVICE RIG
	13:00 5:30	16.50	DRLSURF	07		P	3,950.0	DRILL F/ 3,950' T/ 4,537'
	5:30 6:00	0.50	DRLSURF	13		P	4,537.0	TOOH FOR BIT
10/25/2011	6:00 12:00	6.00	DRLSURF	13		P	4,537.0	POOH FOR BIT CHANGE - LAID DOWN MUD MOTOR, BIT #1
	12:00 14:00	2.00	DRLSURF	14		N	4,537.0	FOUND BAD THREADS ON BOX AND PIN OF (2) 9" DC - LAID DOWN SAME, PICKED UP (2) 8 1/2" DRILL COLLARS TO REPALCE SAME
	14:00 16:00	2.00	DRLSURF	13		P	4,537.0	MAKE UP BIT #2 ON NEW MUD MOTOR
	16:00 21:00	5.00	DRLSURF	13		P	4,537.0	TRIP IN HOLE
	21:00 23:30	2.50	DRLSURF	07		P	4,537.0	DRILL F/ 4,537' T/ 4,604'
	23:30 6:00	6.50	DRLSURF	45		N	4,604.0	PJSM PULLED 1STD & REPAIR #2 PUMP CHANGE MODULAR CIRCULATING AND WORKIG PIPE
10/26/2011	6:00 9:00	3.00	DRLSURF	45		N	4,604.0	REPAIR PUMP CIRCULATE WORK PIPE
	9:00 12:00	3.00	DRLSURF	07		P	4,604.0	DRILL F/ 4,604' T/ 4,695'
	12:00 12:30	0.50	DRLSURF	12		P	4,695.0	SERVICE RIG
	12:30 6:00	17.50	DRLSURF	07		P	4,695.0	DRILL F/ 4,695' T/ 5007'
10/27/2011	6:00 8:30	2.50	DRLSURF	07		P	5,007.0	DRILLING TO 5,057'
	8:30 11:00	2.50	DRLSURF	13		N	5,057.0	TOH , WORK THROUGH TIGHT SPOT @ 4997' PUMP SWEEP
	11:00 15:30	4.50	DRLSURF	13		P	5,057.0	TRIP OUT, L/D MUD MOTOR & BIT.
	15:30 18:00	2.50	DRLSURF	13		P	5,057.0	MAKE UP 8" MOTOR AND BIT , TRIP IN HOLE
	18:00 20:30	2.50	DRLSURF	13		P	5,057.0	TRIP IN HOLE TO 5,057'
	20:30 23:00	2.50	DRLSURF	07		P	5,057.0	DRILLING F/ 5,057' TO 5,154'
	23:00 23:30	0.50	DRLSURF	12		P	5,154.0	SERVICE RIG
	23:30 6:00	6.50	DRLSURF	07		P	5,154.0	DRILLING F/ 5,154' TO 5,394'
10/28/2011	6:00 14:00	8.00	DRLSURF	07		P	5,394.0	DRILL F / 5,394' TO 5,486'
	14:00 20:30	6.50	DRLSURF	13		P	5,486.0	TRIP OUT FOR BIT, LAY DOWN TELEDRIFT, SHOCK SUB, LAY DOWN BREAK BIT DOWN MOTOR.
	20:30 21:00	0.50	DRLSURF	12		P	5,486.0	SERVICE RIG
	21:00 0:30	3.50	DRLSURF	13		P	5,486.0	PICK UP MOTOR AND MAKE UP BIT #2 RUN IN HOLE TO 5,020'
	0:30 2:00	1.50	DRLSURF	16		N	5,486.0	WASH / REAM BRIDGE @ 5,020' TO 5,486'
10/29/2011	2:00 6:00	4.00	DRLSURF	07		P	5,486.0	DRILLING FROM 5,486' TO 5,532'
	6:00 12:00	6.00	DRLSURF	07		P	5,532.0	DRILL FROM 5532' TO 5607'
	12:00 12:30	0.50	DRLSURF	12		P	5,607.0	SERVICE UP RIG
	12:30 19:30	7.00	DRLSURF	07		P	5,607.0	DRILL FROM 5607' TO 5663' DROPED SURVEY FOR TRIP
	19:30 22:30	3.00	DRLSURF	43		N	5,663.0	TROUBLE SHOOT AND REPAIR TOP DRIVE
	22:30 2:30	4.00	DRLSURF	13		P	5,663.0	TOH TO 5,054' PUMP SLUG, TOH FOR BIT
10/30/2011	2:30 6:00	3.50	DRLSURF	13		P	5,663.0	CHANGE BIT RUNING IN HOLE @ 06:00
	6:00 6:30	0.50	DRLSURF	12		P	5,663.0	SERVICE RIG
	6:30 10:30	4.00	DRLSURF	43		N	5,663.0	TROUBLE SHOOT & REPAIR TOP DRIVE
	10:30 22:30	12.00	DRLSURF	07		P	5,663.0	DRILLING F/ 5,663' TO 5,752'
	22:30 0:00	1.50	DRLSURF	15		P	5,752.0	SIMULATE CONNECTION CHECK FLOW CIRCULATE B/U
	0:00 2:30	2.50	DRLSURF	11		P	5,752.0	HSM R/U RUN GYRO SURVEY
	2:30 4:00	1.50	DRLSURF	15		P	5,752.0	CIRCULATE HOLE CLEAN
	4:00 6:00	2.00	DRLSURF	13		P	5,752.0	TRIP OUT PULL 5 STDS PUMP SLUG AND TRIP OUT
10/31/2011	6:00 9:00	3.00	DRLSURF	13		P	5,752.0	TRIP OUT LAY DOWN D/C's, MUD MOTOR, BIT
	9:00 20:00	11.00	CASSURF	24		P	5,752.0	HSM R/U & RUN 125 JTS (5763') OF 9 5/8" 40# N-80 LTC, SET SHOE AT 5,751'
	20:00 22:30	2.50	CASSURF	15		P	5,752.0	R/U AND WASH CASING F/ 5738' TO 5752' , CIRCULATE CLEAN

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	22:30 1:30	3.00	CASSURF	25		P	5,752.0	HPJSM, HOWCO, RIG CREWS - PRESSURE TEST PUMPS, LINE TO 5000 PSI, OK - PUMP 100 BBLS FRESH WATER AHEAD, LEAD CMT 1020 SX @ 12.0 PPG (395 BBLS) YIELD: 1.79 - TAIL CMT 420 SX @ 14.2 PPG (100 BBLS) YIELD: 1.61 - DROPPED PLUG, DISPLACE WITH 424 BBLS OF MUD - BUMPED PLUG @ 01:30 10/31/2011HRS W/ 600 PSI OVER FINAL PRESSURE 700 PSI = 1300 PSI - LOST ALL RETURNS TO SURFACE AFTER 360 BBLS DISPLACED - CHECK FLOATS, OK - NO CEMENT TO SURFACE!
	1:30 4:00	2.50	CASSURF	26		N	5,752.0	FLUID LEVEL FELL BACK 50 FEET FROM SURFACE - WAITING ON CEMENT TO SET UP FOR CMT TOP OUT
	4:00 5:00	1.00	CASSURF	25		N	5,752.0	RUN IN 9 5/8" ANNULUS WITH 200' OF 1" PIPE FOR CMT TOP OUT
	5:00 6:00	1.00	CASSURF	25		N	5,752.0	RIG UP HALLIBURTON CEMENTERS, MIXED AND PUMPED (200 SX) 15.8 PPG 1.15 YIELD, (41 BBLS CMT) W/ 2% CACL. 19 BBLS CMT TO SURFACE
11/1/2011	6:00 10:00	4.00	CASSURF	26		P	5,752.0	WAIT FOR TOP JOB CEMENT TO SET UP - PRE-PAIRING TO NIPPLE UP
	10:00 14:00	4.00	CASSURF	29		P	5,752.0	N/D FLOW LINE, ROTATING HEAD, LIFT DIVERTER, RUFF CUT 9 5/8" CSG, NIPPLE DOWN BOP
	14:00 19:00	5.00	CASSURF	29		P	5,752.0	CUT OFF 13 3/8" STARTER HEAD, MAKE FINISH CUT ON 9 5/8" CSG, WELD ON 11" 5,000 PSI WELLHEAD & TEST WELD TO 2500 PSI FOR 10 MINUTES, GOOD TEST
	19:00 6:00	11.00	CASSURF	29		P	5,752.0	NIPPLE UP 11" 10,000 PSI BOPE
11/2/2011	6:00 10:00	4.00	CASSURF	28		P	5,752.0	NIPPLE UP BOPE
	10:00 18:00	8.00	CASSURF	30		P	5,752.0	TEST UPPER LOWER PIPE RAMS, INSIDE / HCR, KILL LINE VALVES & CHECK VALVE, INSIDE BOP, FULL OPENING SAFETY VALVE, LOWER SAFETY, UPPER HYDRAULIC VALVE ON TDU, BLIND RAMS. ALL 10 MIN EACH 300 LOW 5000 PSI HIGH. TEST ANNULAR PREVENTER TO 300 / 2500 PSI. TEST CASING TO 2500 PSI FOR 30 MIN. FUNCTION TEST ACCUMLATOR. TEST CHOKE MANIFOLD STACK TO 300 LOW 10,000 PSI HIGH - ALL TEST GOOD
	18:00 19:00	1.00	DRLINT1	13		P	5,752.0	INSTALLED WEAR BUSHING
	19:00 23:00	4.00	DRLINT1	14		P	5,752.0	MAKE UP BIT # 5 ON 6 1/2" DIRECTIONAL TOOLS & 16 DCs
	23:00 1:30	2.50	DRLINT1	13		P	5,752.0	TRIP IN HOLE TO 5,341' FILL PIPE EVERY 25 STDS.
	1:30 3:00	1.50	DRLINT1	17		P	5,752.0	SLIP AND CUT DRILLING LINE
	3:00 3:30	0.50	DRLINT1	13		P	5,752.0	RUN IN TO 5,510' WASH TO 5,695' TAG CMT
	3:30 6:00	2.50	DRLINT1	16		P	5,752.0	DRILL CMT AND FLOAT EQUIP. DRILL TO 5,762'
11/3/2011	6:00 7:30	1.50	DRLINT1	15		P	5,762.0	CIRCULATE HOLE CLEAN, PERFORM FIT W/ 9.1PPG MUD @ 5762'. 1890 PSI, EQUIVALENT DENSITY 15.4 PPG
	7:30 11:00	3.50	DRLINT1	07		P	5,762.0	DRILL F/ 5762 - 5998
	11:00 11:30	0.50	DRLINT1	12		P	5,998.0	RIG SERVICE, FUNCTION ANNULAR, BOP DRILL
	11:30 6:00	18.50	DRLINT1	08		P	5,998.0	DRILL F/ 5998 - 7,250'
11/4/2011	6:00 13:30	7.50	DRLINT1	07		P	7,250.0	DRILL F/ 7250' - 7678'
	13:30 14:00	0.50	DRLINT1	12		P	7,678.0	RIG SERVICE
	14:00 6:00	16.00	DRLINT1	07		P	7,678.0	DRILL F/ 7250' - 8237'
11/5/2011	6:00 9:30	3.50	DRLINT1	07		P	8,237.0	DRILL F/ 8237' - 8331'
	9:30 10:00	0.50	DRLINT1	12		P	8,331.0	RIG SERVICE, FUNCTION ANNULAR 21 SEC TO CLOSE
	10:00 6:00	20.00	DRLINT1	07		P	8,331.0	DRILL F/ 8331' - 9,076'
11/6/2011	6:00 15:00	9.00	DRLINT1	07		P	9,076.0	DRILL F/ 9076' - 9448'
	15:00 15:30	0.50	DRLINT1	12		P	9,448.0	RIG SERVICE, FUNCTION ANNULAR 21 SEC TO CLOSE
	15:30 21:00	5.50	DRLINT1	07		P	9,448.0	DRILL F/ 9448' - 9,682'
	21:00 21:30	0.50	DRLINT1	45		N	9,682.0	CHANGE BUMPER HOSE IN PUMP ROOM
	21:30 6:00	9.50	DRLINT1	07		P	9,682.0	DRILL F/ 9,682' - 10070'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
11/7/2011	6:00 14:00	8.00	DRLINT1	07		P	10,070.0	DRILL 10070' - 10474'
	14:00 14:30	0.50	DRLINT1	12		P	10,474.0	RIG SERVICE, FUNCTION ANNULAR 21 SEC TO CLOSE
	14:30 6:00	15.50	DRLINT1	07		P	10,474.0	DRILL F/ 10474' - 10,962' (T.D.) WASATCH FORMATION @ 10600'
11/8/2011	6:00 8:00	2.00	DRLINT1	15		P	10,962.0	CIRCULATE HOLE CLEAN
	8:00 8:30	0.50	DRLINT1	13		P	10,962.0	TRIP OUT HOLE F/ 10962' - 10900'
	8:30 10:00	1.50	DRLINT1	15		P	10,962.0	CIRCULATE HOLE CLEAN, 8900 UNITS GAS @ BTMS UP
	10:00 15:30	5.50	DRLINT1	13		P	10,962.0	TRIP OUT HOLE TO SHOE, BACK REAMED 9000' - 8000'
	15:30 16:00	0.50	DRLINT1	12		P	10,962.0	RIG SERVICE, WELL STATIC
	16:00 17:00	1.00	DRLINT1	13		P	10,962.0	TRIP IN HOLE TO 8,200'
	17:00 2:00	9.00	DRLINT1	16		N	10,962.0	REAM WASH FROM 8200' TO 10,962'
	2:00 4:00	2.00	DRLINT1	15		P	10,962.0	PUMP SWEEP CIRCULATE BOTTOMS UP.
11/9/2011	4:00 6:00	2.00	DRLINT1	13		P	10,962.0	TRIP OUT, HOLE TIGHT, BACK REAM TO 10400'
	6:00 6:30	0.50	DRLINT1	13		P	10,962.0	TRIP IN HOLE
	6:30 9:30	3.00	DRLINT1	15		P	10,962.0	C&C MUD
	9:30 12:30	3.00	DRLINT1	51		P	10,962.0	BACK REAM 10962' - 9726'
	12:30 13:30	1.00	DRLINT1	15		P	10,962.0	TRIP OUT HOLE 9726' - 8983'
	13:30 15:30	2.00	DRLINT1	15		P	10,962.0	CIRCULATE BOTTOMS UP, 8900 UNITS GAS
	15:30 16:30	1.00	DRLINT1	51		N	10,962.0	BACK REAM 8983' 8200' FLOW CHECK
	16:30 22:00	5.50	DRLINT1	13		P	10,962.0	PUMP PILL, TRIP OUT HOLE, FLOW CHECKS, WELL STATIC
	22:00 23:30	1.50	DRLINT1	13		P	10,962.0	LAY DOWN DIRECTIONAL TOOLS
11/10/2011	23:30 4:30	5.00	EVLINT1	22		P	10,962.0	HSM R/U WEATHERFORD LOGGERS RUN TO 8,612' LOG UP, SHOE @ 5650' LOG UP TO SHOE + 500' OF CASING. R/D LOGGERS.
	4:30 6:00	1.50	DRLINT1	13		P	10,962.0	MAKE UP BIT. RUN IN HOLE
	6:00 8:30	2.50	DRLINT1	13		P	10,962.0	TRIP IN HOLE TO 5684'
	8:30 9:30	1.00	DRLINT1	17		P	10,962.0	SLIP & CUT DRILL LINE
	9:30 10:00	0.50	DRLINT1	12		P	10,962.0	RIG SERVICE
	10:00 11:30	1.50	DRLINT1	13		N	10,962.0	TRIP IN HOLE F/ 5684' - 8017'
	11:30 13:00	1.50	DRLINT1	15		P	10,962.0	CIRCULATE BOTTOMS UP, GAS 9000 UNITS
	13:00 13:30	0.50	DRLINT1	13		P	10,962.0	TRIP IN HOLE TO 8600'
	13:30 5:00	15.50	DRLINT1	16		N	10,962.0	TRIP IN HOLE REAM F/ 8600' - 10962'
	5:00 6:00	1.00	DRLINT1	15		P	10,962.0	C & C MUD
11/11/2011	6:00 7:00	1.00	DRLINT1	15		N	10,962.0	C & C MUD
	7:00 10:00	3.00	DRLINT1	51		N	10,962.0	BACK REAM F/ 10962' - 9383'
	10:00 10:30	0.50	DRLINT1	12		P	10,962.0	RIG SERVICE
	10:30 11:30	1.00	DRLINT1	15		N	10,962.0	C&C MUD
	11:30 13:00	1.50	DRLINT1	51		N	10,962.0	BACK REAM 9383' - 8452'
	13:00 15:00	2.00	DRLINT1	15		N	10,962.0	CIRCULATE BOTTOMS UP
	15:00 22:30	7.50	DRLINT1	14		P	10,962.0	PUMP PILL, LAY DOWN DRILL PIPE. FLOW CHECK 7000' WELL STATIC
	22:30 23:30	1.00	DRLINT1	13		P	10,962.0	TIH W/ 27 STANDS OF DP
	23:30 4:00	4.50	DRLINT1	14		P	10,962.0	POOH LD DP & BHA
	4:00 4:30	0.50	DRLINT1	14		P	10,962.0	PULL WEAR BUSHING
11/12/2011	4:30 6:00	1.50	CASINT1	24		P	10,962.0	PJSM, RIG UP TESCO CASING RUNNING TOOLS
	6:00 7:30	1.50	CASINT1	24		P	10,962.0	PJSM, RIG UP TESCO CASING RUNNING TOOLS
	7:30 13:00	5.50	CASINT1	24		P	10,962.0	RUN CASING TO 2493'
	13:00 13:30	0.50	CASINT1	15		P	10,962.0	CIRCULATE BOTTOMS UP, FULL RETURNS
	13:30 16:00	2.50	CASINT1	24		P	10,962.0	RUN CASING F/ 2493' - 4096'
	16:00 18:00	2.00	CASINT1	24		P	10,962.0	CIRCULATE BOTTOMS UP NO RETURNS, MIX LCM
	18:00 21:00	3.00	CASINT1	24		P	10,962.0	RUN CASING F/ 4096' - 5543'
	21:00 6:00	9.00	CASINT1	15		P	10,962.0	C & C MUD

11/13/2011

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00 14:30	8.50	CASINT1	24		P	10,962.0	RUN CASING F/ 5543' - 8449' CIRCULATE BOTTOMS UP @6300' 7000' & 8000'
	14:30 6:00	15.50	CASINT1	24		P	10,962.0	REAM CASING F/ 8449' - 8945'
11/14/2011	6:00 10:00	4.00	CASINT1	24		N	10,962.0	REAM CASING F/ 8945' - 9025'
	10:00 10:30	0.50	CASINT1	12		P	10,962.0	RIG SERVICE
	10:30 1:30	15.00	CASINT1	24		N	10,962.0	REAM CASING F/ 9025' - 9164' RAISE VIS TO 85, 105 SPM, 255 GPM, TORQUE 10,000 TO 17,000 FT-LBS, LOSSES LAST 12 HRS 220 BBLS
	1:30 2:00	0.50	CASINT1	42		N	10,962.0	REPAIR LEAK ON ROTATING HEAD
	2:00 6:00	4.00	CASINT1	24		N	10,962.0	REAM CASING F/ 9164' - 9167'

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: EL PASO 4-21B4																															
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013505720000																															
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: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U	COUNTY: DUCHESNE STATE: UTAH																															
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION	TYPE OF ACTION																															
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/14/2011	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE TUBING</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE WELL STATUS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> DEEPEN</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> FRACTURE TREAT</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> TUBING REPAIR</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> VENT OR FLARE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> OTHER</td> <td style="vertical-align: top; padding: 2px;">OTHER: <input style="width: 80px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 80px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. See attached Operations Report.																																
<p style="margin: 0;">Accepted by the</p> <p style="margin: 0;">Utah Division of</p> <p style="margin: 0;">Oil, Gas and Mining</p> <p style="margin: 0;">FOR RECORD ONLY</p>																																
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst																														
SIGNATURE N/A	DATE 11/14/2011																															

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-21 B4		
Project	ALTAMONT FIELD	Site	EL PASO 4-21B4
Rig Name/No.	PROPETRO/, PROPETRO/, PETE MARTIN/, PRECISION DRILLING/404	Event	DRILLING LAND
Start Date	10/17/2011	End Date	
Spud Date		UWI	SUNDANCE WEST 4-21 B4
Active Datum	KB @0.0ft (above Mean Sea Level)		
Afe No./Description	148235/43780 / EL PASO 4-21B4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
8/1/2011	6:00 6:00	24.00	DRLSURF	07		P	0.0	DRILL & SET CONDUCTOR
8/5/2011	6:00 6:00	24.00	MIRU	01		P	40.0	MOVE IN RIG UP, DRILL F/ 40' - 90', TRIP OUT LAY DOWN 6" DCs, PICK UP 8"DCs, TRIP IN, DRILL F/ 90' - 560', RUN SURVEY, DRILL F/ 560' - 620', RIG UP BOOSTER, DRILL F/ 620' - 830' REPAIRE ANTIFREEZE LEAK, DRILL F/ 830' - 1055', SURVEY, TRIP OUT LAY DOWN DRILLSTRING, RIG UP AND RUN 24 JOITNS OF 13 3/8 54.5# STC 8RND RNG 3 CASING WITH 4 BOW SPRING CENTRALIZERS. CASING SET AT 1024' GROUND LEVEL, RIG DOWN MOVE OUT RIG, RIG UP CEMENTERS AND CEMENT WITH 204.8 BBLS 15.8 PPG, 1.15 YIELD, 5 GAL/SK WATER. DROPPED PLUGGED ON FLY. DISPLACED W/ 151.8 BBLS WATER. BUMPED PLUG @ 09:00. ANNULUS HOLDING. 100 BBLS CEMENT RETURNS. RD & RELEASE PRO PETRO @ 0930 HRS ON 09/06/2011, END JOB
10/19/2011	6:00 6:00	24.00	MIRU	01		P	1,055.0	PJSM, MOVE IN 70% RIGGED UP 20%
10/20/2011	6:00 6:00	24.00	MIRU	01		P	1,055.0	PJSM, MOVE IN 100% RIGGED UP 80%, WELDING ON 13 3/8" x 13 5/8" WELLHEAD
10/21/2011	6:00 6:30	0.50	MIRU	01		P	1,055.0	FINISHED WELDING ON 13 3/8" x 13 5/8" 3M WELLHEAD - TESTED VOID TO 800 PSI FOR 10 MINUTES, OK!
	6:30 15:00	8.50	MIRU	01		P	1,055.0	NU DIVERTER, CHOKE LINES, FLOW LINES AND GAS BUSTER.
	15:00 3:00	12.00	MIRU	01		P	1,055.0	TEST CHOKE MANIFOLD 250 PSI LOW 3000 PSI HIGH FOR 10 MIN. TEST ANNULAR, HCR VALVE, MANUAL CHOKE AND KILL LINE VALVES 250 PSI LOW AND 2500 PSI HIGH FOR 10 MIN. PRESS TEST TOP DRIVE 250 PSI LOW 5000 PSI HIGH. TEST STAND PIPE & MUD LINES 250 LOW 4000 PSI HIGH. NU FLARE LINE
10/22/2011	3:00 6:00	3.00	DRLSURF	14		P	1,055.0	PU TIH W/ BHA #1
	6:00 8:00	2.00	DRLSURF	14		P	1,055.0	PU BHA RIH TO 529'
	8:00 10:00	2.00	DRLSURF	17		P	1,055.0	SLIP & CUT DRILLING LINE
	10:00 11:30	1.50	DRLSURF	14		P	1,055.0	PU RIH W / DP TAGGED CMT @ 945'
	11:30 13:30	2.00	DRLSURF	72		P	1,055.0	DRILL CMT F/ 945' - 979'
	13:30 15:00	1.50	DRLSURF	31		P	1,055.0	PRESSURE TEST CASING TO 1100 PSI FOR 30 MIN
15:00 17:00	2.00	DRLSURF	72		P	1,055.0	DRILL CMT F/ 979' - 1055'	

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
10/23/2011	17:00 6:00	13.00	DRLSURF	07		P	1,055.0	DRILL F/ 1055' - 2086'
	6:00 13:30	7.50	DRLSURF	07		P	2,086.0	DRILL F/ 2,086' TO 2,645'
	13:30 14:00	0.50	DRLSURF	12		P	2,645.0	SERVICE RIG
	14:00 6:00	16.00	DRLSURF	07		P	2,645.0	DRILLING F/ 2,645' TO 3,630'
10/24/2011	6:00 12:30	6.50	DRLSURF	07		P	3,630.0	DRILL F/ 3,630' T/ 3,950'
	12:30 13:00	0.50	DRLSURF	12		P	3,950.0	SERVICE RIG
	13:00 5:30	16.50	DRLSURF	07		P	3,950.0	DRILL F/ 3,950' T/ 4,537'
	5:30 6:00	0.50	DRLSURF	13		P	4,537.0	TOOH FOR BIT
10/25/2011	6:00 12:00	6.00	DRLSURF	13		P	4,537.0	POOH FOR BIT CHANGE - LAID DOWN MUD MOTOR, BIT #1
	12:00 14:00	2.00	DRLSURF	14		N	4,537.0	FOUND BAD THREADS ON BOX AND PIN OF (2) 9" DC - LAID DOWN SAME, PICKED UP (2) 8 1/2" DRILL COLLARS TO REPALCE SAME
	14:00 16:00	2.00	DRLSURF	13		P	4,537.0	MAKE UP BIT #2 ON NEW MUD MOTOR
	16:00 21:00	5.00	DRLSURF	13		P	4,537.0	TRIP IN HOLE
	21:00 23:30	2.50	DRLSURF	07		P	4,537.0	DRILL F/ 4,537' T/ 4,604'
	23:30 6:00	6.50	DRLSURF	45		N	4,604.0	PJSM PULLED 1STD & REPAIR #2 PUMP CHANGE MODULAR CIRCULATING AND WORKIG PIPE
10/26/2011	6:00 9:00	3.00	DRLSURF	45		N	4,604.0	REPAIR PUMP CIRCULATE WORK PIPE
	9:00 12:00	3.00	DRLSURF	07		P	4,604.0	DRILL F/ 4,604' T/ 4,695'
	12:00 12:30	0.50	DRLSURF	12		P	4,695.0	SERVICE RIG
	12:30 6:00	17.50	DRLSURF	07		P	4,695.0	DRILL F/ 4,695' T/ 5007'
10/27/2011	6:00 8:30	2.50	DRLSURF	07		P	5,007.0	DRILLING TO 5,057'
	8:30 11:00	2.50	DRLSURF	13		N	5,057.0	TOH , WORK THROUGH TIGHT SPOT @ 4997' PUMP SWEEP
	11:00 15:30	4.50	DRLSURF	13		P	5,057.0	TRIP OUT, L/D MUD MOTOR & BIT.
	15:30 18:00	2.50	DRLSURF	13		P	5,057.0	MAKE UP 8" MOTOR AND BIT , TRIP IN HOLE
	18:00 20:30	2.50	DRLSURF	13		P	5,057.0	TRIP IN HOLE TO 5,057'
	20:30 23:00	2.50	DRLSURF	07		P	5,057.0	DRILLING F/ 5,057' TO 5,154'
	23:00 23:30	0.50	DRLSURF	12		P	5,154.0	SERVICE RIG
	23:30 6:00	6.50	DRLSURF	07		P	5,154.0	DRILLING F/ 5,154' TO 5,394'
10/28/2011	6:00 14:00	8.00	DRLSURF	07		P	5,394.0	DRILL F / 5,394' TO 5,486'
	14:00 20:30	6.50	DRLSURF	13		P	5,486.0	TRIP OUT FOR BIT, LAY DOWN TELEDRIFT, SHOCK SUB, LAY DOWN BREAK BIT DOWN MOTOR.
	20:30 21:00	0.50	DRLSURF	12		P	5,486.0	SERVICE RIG
	21:00 0:30	3.50	DRLSURF	13		P	5,486.0	PICK UP MOTOR AND MAKE UP BIT #2 RUN IN HOLE TO 5,020'
	0:30 2:00	1.50	DRLSURF	16		N	5,486.0	WASH / REAM BRIDGE @ 5,020' TO 5,486'
10/29/2011	2:00 6:00	4.00	DRLSURF	07		P	5,486.0	DRILLING FROM 5,486' TO 5,532'
	6:00 12:00	6.00	DRLSURF	07		P	5,532.0	DRILL FROM 5532' TO 5607'
	12:00 12:30	0.50	DRLSURF	12		P	5,607.0	SERVICE UP RIG
	12:30 19:30	7.00	DRLSURF	07		P	5,607.0	DRILL FROM 5607' TO 5663' DROPED SURVEY FOR TRIP
	19:30 22:30	3.00	DRLSURF	43		N	5,663.0	TROUBLE SHOOT AND REPAIR TOP DRIVE
	22:30 2:30	4.00	DRLSURF	13		P	5,663.0	TOH TO 5,054' PUMP SLUG, TOH FOR BIT
10/30/2011	2:30 6:00	3.50	DRLSURF	13		P	5,663.0	CHANGE BIT RUNING IN HOLE @ 06:00
	6:00 6:30	0.50	DRLSURF	12		P	5,663.0	SERVICE RIG
	6:30 10:30	4.00	DRLSURF	43		N	5,663.0	TROUBLE SHOOT & REPAIR TOP DRIVE
	10:30 22:30	12.00	DRLSURF	07		P	5,663.0	DRILLING F/ 5,663' TO 5,752'
	22:30 0:00	1.50	DRLSURF	15		P	5,752.0	SIMULATE CONNECTION CHECK FLOW CIRCULATE B/U
	0:00 2:30	2.50	DRLSURF	11		P	5,752.0	HSM R/U RUN GYRO SURVEY
	2:30 4:00	1.50	DRLSURF	15		P	5,752.0	CIRCULATE HOLE CLEAN
	4:00 6:00	2.00	DRLSURF	13		P	5,752.0	TRIP OUT PULL 5 STDS PUMP SLUG AND TRIP OUT
10/31/2011	6:00 9:00	3.00	DRLSURF	13		P	5,752.0	TRIP OUT LAY DOWN D/C's, MUD MOTOR, BIT
	9:00 20:00	11.00	CASSURF	24		P	5,752.0	HSM R/U & RUN 125 JTS (5763') OF 9 5/8" 40# N-80 LTC, SET SHOE AT 5,751'
	20:00 22:30	2.50	CASSURF	15		P	5,752.0	R/U AND WASH CASING F/ 5738' TO 5752' , CIRCULATE CLEAN

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	22:30 1:30	3.00	CASSURF	25		P	5,752.0	HPJSM, HOWCO, RIG CREWS - PRESSURE TEST PUMPS, LINE TO 5000 PSI, OK - PUMP 100 BBLS FRESH WATER AHEAD, LEAD CMT 1020 SX @ 12.0 PPG (395 BBLS) YIELD: 1.79 - TAIL CMT 420 SX @ 14.2 PPG (100 BBLS) YIELD: 1.61 - DROPPED PLUG, DISPLACE WITH 424 BBLS OF MUD - BUMPED PLUG @ 01:30 10/31/2011HRS W/ 600 PSI OVER FINAL PRESSURE 700 PSI = 1300 PSI - LOST ALL RETURNS TO SURFACE AFTER 360 BBLS DISPLACED - CHECK FLOATS, OK - NO CEMENT TO SURFACE!
	1:30 4:00	2.50	CASSURF	26		N	5,752.0	FLUID LEVEL FELL BACK 50 FEET FROM SURFACE - WAITING ON CEMENT TO SET UP FOR CMT TOP OUT
	4:00 5:00	1.00	CASSURF	25		N	5,752.0	RUN IN 9 5/8" ANNULUS WITH 200' OF 1" PIPE FOR CMT TOP OUT
	5:00 6:00	1.00	CASSURF	25		N	5,752.0	RIG UP HALLIBURTON CEMENTERS, MIXED AND PUMPED (200 SX) 15.8 PPG 1.15 YIELD, (41 BBLS CMT) W/ 2% CACL. 19 BBLS CMT TO SURFACE
11/1/2011	6:00 10:00	4.00	CASSURF	26		P	5,752.0	WAIT FOR TOP JOB CEMENT TO SET UP - PRE-PAIRING TO NIPPLE UP
	10:00 14:00	4.00	CASSURF	29		P	5,752.0	N/D FLOW LINE, ROTATING HEAD, LIFT DIVERTER, RUFF CUT 9 5/8" CSG, NIPPLE DOWN BOP
	14:00 19:00	5.00	CASSURF	29		P	5,752.0	CUT OFF 13 3/8" STARTER HEAD, MAKE FINISH CUT ON 9 5/8" CSG, WELD ON 11" 5,000 PSI WELLHEAD & TEST WELD TO 2500 PSI FOR 10 MINUTES, GOOD TEST
	19:00 6:00	11.00	CASSURF	29		P	5,752.0	NIPPLE UP 11" 10,000 PSI BOPE
11/2/2011	6:00 10:00	4.00	CASSURF	28		P	5,752.0	NIPPLE UP BOPE
	10:00 18:00	8.00	CASSURF	30		P	5,752.0	TEST UPPER LOWER PIPE RAMS, INSIDE / HCR, KILL LINE VALVES & CHECK VALVE, INSIDE BOP, FULL OPENING SAFETY VALVE, LOWER SAFETY, UPPER HYDRAULIC VALVE ON TDU, BLIND RAMS. ALL 10 MIN EACH 300 LOW 5000 PSI HIGH. TEST ANNULAR PREVENTER TO 300 / 2500 PSI. TEST CASING TO 2500 PSI FOR 30 MIN. FUNCTION TEST ACCUMLATOR. TEST CHOKE MANIFOLD STACK TO 300 LOW 10,000 PSI HIGH - ALL TEST GOOD
	18:00 19:00	1.00	DRLINT1	13		P	5,752.0	INSTALLED WEAR BUSHING
	19:00 23:00	4.00	DRLINT1	14		P	5,752.0	MAKE UP BIT # 5 ON 6 1/2" DIRECTIONAL TOOLS & 16 DCs
	23:00 1:30	2.50	DRLINT1	13		P	5,752.0	TRIP IN HOLE TO 5,341' FILL PIPE EVERY 25 STDS.
	1:30 3:00	1.50	DRLINT1	17		P	5,752.0	SLIP AND CUT DRILLING LINE
	3:00 3:30	0.50	DRLINT1	13		P	5,752.0	RUN IN TO 5,510' WASH TO 5,695' TAG CMT
	3:30 6:00	2.50	DRLINT1	16		P	5,752.0	DRILL CMT AND FLOAT EQUIP. DRILL TO 5,762'
11/3/2011	6:00 7:30	1.50	DRLINT1	15		P	5,762.0	CIRCULATE HOLE CLEAN, PERFORM FIT W/ 9.1PPG MUD @ 5762'. 1890 PSI, EQUIVALENT DENSITY 15.4 PPG
	7:30 11:00	3.50	DRLINT1	07		P	5,762.0	DRILL F/ 5762 - 5998
	11:00 11:30	0.50	DRLINT1	12		P	5,998.0	RIG SERVICE, FUNCTION ANNULAR, BOP DRILL
	11:30 6:00	18.50	DRLINT1	08		P	5,998.0	DRILL F/ 5998 - 7,250'
11/4/2011	6:00 13:30	7.50	DRLINT1	07		P	7,250.0	DRILL F/ 7250' - 7678'
	13:30 14:00	0.50	DRLINT1	12		P	7,678.0	RIG SERVICE
	14:00 6:00	16.00	DRLINT1	07		P	7,678.0	DRILL F/ 7250' - 8237'
11/5/2011	6:00 9:30	3.50	DRLINT1	07		P	8,237.0	DRILL F/ 8237' - 8331'
	9:30 10:00	0.50	DRLINT1	12		P	8,331.0	RIG SERVICE, FUNCTION ANNULAR 21 SEC TO CLOSE
	10:00 6:00	20.00	DRLINT1	07		P	8,331.0	DRILL F/ 8331' - 9,076'
11/6/2011	6:00 15:00	9.00	DRLINT1	07		P	9,076.0	DRILL F/ 9076' - 9448'
	15:00 15:30	0.50	DRLINT1	12		P	9,448.0	RIG SERVICE, FUNCTION ANNULAR 21 SEC TO CLOSE
	15:30 21:00	5.50	DRLINT1	07		P	9,448.0	DRILL F/ 9448' - 9,682'
	21:00 21:30	0.50	DRLINT1	45		N	9,682.0	CHANGE BUMPER HOSE IN PUMP ROOM
	21:30 6:00	9.50	DRLINT1	07		P	9,682.0	DRILL F/ 9,682' - 10070'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
11/7/2011	6:00 14:00	8.00	DRLINT1	07		P	10,070.0	DRILL 10070' - 10474'
	14:00 14:30	0.50	DRLINT1	12		P	10,474.0	RIG SERVICE, FUNCTION ANNULAR 21 SEC TO CLOSE
	14:30 6:00	15.50	DRLINT1	07		P	10,474.0	DRILL F/ 10474' - 10,962' (T.D.) WASATCH FORMATION @ 10600'
11/8/2011	6:00 8:00	2.00	DRLINT1	15		P	10,962.0	CIRCULATE HOLE CLEAN
	8:00 8:30	0.50	DRLINT1	13		P	10,962.0	TRIP OUT HOLE F/ 10962' - 10900'
	8:30 10:00	1.50	DRLINT1	15		P	10,962.0	CIRCULATE HOLE CLEAN, 8900 UNITS GAS @ BTMS UP
	10:00 15:30	5.50	DRLINT1	13		P	10,962.0	TRIP OUT HOLE TO SHOE, BACK REAMED 9000' - 8000'
	15:30 16:00	0.50	DRLINT1	12		P	10,962.0	RIG SERVICE, WELL STATIC
	16:00 17:00	1.00	DRLINT1	13		P	10,962.0	TRIP IN HOLE TO 8,200'
	17:00 2:00	9.00	DRLINT1	16		N	10,962.0	REAM WASH FROM 8200' TO 10,962'
	2:00 4:00	2.00	DRLINT1	15		P	10,962.0	PUMP SWEEP CIRCULATE BOTTOMS UP.
11/9/2011	4:00 6:00	2.00	DRLINT1	13		P	10,962.0	TRIP OUT, HOLE TIGHT, BACK REAM TO 10400'
	6:00 6:30	0.50	DRLINT1	13		P	10,962.0	TRIP IN HOLE
	6:30 9:30	3.00	DRLINT1	15		P	10,962.0	C&C MUD
	9:30 12:30	3.00	DRLINT1	51		P	10,962.0	BACK REAM 10962' - 9726'
	12:30 13:30	1.00	DRLINT1	15		P	10,962.0	TRIP OUT HOLE 9726' - 8983'
	13:30 15:30	2.00	DRLINT1	15		P	10,962.0	CIRCULATE BOTTOMS UP, 8900 UNITS GAS
	15:30 16:30	1.00	DRLINT1	51		N	10,962.0	BACK REAM 8983' 8200' FLOW CHECK
	16:30 22:00	5.50	DRLINT1	13		P	10,962.0	PUMP PILL, TRIP OUT HOLE, FLOW CHECKS, WELL STATIC
	22:00 23:30	1.50	DRLINT1	13		P	10,962.0	LAY DOWN DIRECTIONAL TOOLS
11/10/2011	23:30 4:30	5.00	EVLINT1	22		P	10,962.0	HSM R/U WEATHERFORD LOGGERS RUN TO 8,612' LOG UP, SHOE @ 5650' LOG UP TO SHOE + 500' OF CASING. R/D LOGGERS.
	4:30 6:00	1.50	DRLINT1	13		P	10,962.0	MAKE UP BIT. RUN IN HOLE
	6:00 8:30	2.50	DRLINT1	13		P	10,962.0	TRIP IN HOLE TO 5684'
	8:30 9:30	1.00	DRLINT1	17		P	10,962.0	SLIP & CUT DRILL LINE
	9:30 10:00	0.50	DRLINT1	12		P	10,962.0	RIG SERVICE
	10:00 11:30	1.50	DRLINT1	13		N	10,962.0	TRIP IN HOLE F/ 5684' - 8017'
	11:30 13:00	1.50	DRLINT1	15		P	10,962.0	CIRCULATE BOTTOMS UP, GAS 9000 UNITS
	13:00 13:30	0.50	DRLINT1	13		P	10,962.0	TRIP IN HOLE TO 8600'
	13:30 5:00	15.50	DRLINT1	16		N	10,962.0	TRIP IN HOLE REAM F/ 8600' - 10962'
	5:00 6:00	1.00	DRLINT1	15		P	10,962.0	C & C MUD
11/11/2011	6:00 7:00	1.00	DRLINT1	15		N	10,962.0	C & C MUD
	7:00 10:00	3.00	DRLINT1	51		N	10,962.0	BACK REAM F/ 10962' - 9383'
	10:00 10:30	0.50	DRLINT1	12		P	10,962.0	RIG SERVICE
	10:30 11:30	1.00	DRLINT1	15		N	10,962.0	C&C MUD
	11:30 13:00	1.50	DRLINT1	51		N	10,962.0	BACK REAM 9383' - 8452'
	13:00 15:00	2.00	DRLINT1	15		N	10,962.0	CIRCULATE BOTTOMS UP
	15:00 22:30	7.50	DRLINT1	14		P	10,962.0	PUMP PILL, LAY DOWN DRILL PIPE. FLOW CHECK 7000' WELL STATIC
	22:30 23:30	1.00	DRLINT1	13		P	10,962.0	TIH W/ 27 STANDS OF DP
	23:30 4:00	4.50	DRLINT1	14		P	10,962.0	POOH LD DP & BHA
	4:00 4:30	0.50	DRLINT1	14		P	10,962.0	PULL WEAR BUSHING
11/12/2011	4:30 6:00	1.50	CASINT1	24		P	10,962.0	PJSM, RIG UP TESCO CASING RUNNING TOOLS
	6:00 7:30	1.50	CASINT1	24		P	10,962.0	PJSM, RIG UP TESCO CASING RUNNING TOOLS
	7:30 13:00	5.50	CASINT1	24		P	10,962.0	RUN CASING TO 2493'
	13:00 13:30	0.50	CASINT1	15		P	10,962.0	CIRCULATE BOTTOMS UP, FULL RETURNS
	13:30 16:00	2.50	CASINT1	24		P	10,962.0	RUN CASING F/ 2493' - 4096'
	16:00 18:00	2.00	CASINT1	24		P	10,962.0	CIRCULATE BOTTOMS UP NO RETURNS, MIX LCM
	18:00 21:00	3.00	CASINT1	24		P	10,962.0	RUN CASING F/ 4096' - 5543'
	21:00 6:00	9.00	CASINT1	15		P	10,962.0	C & C MUD

11/13/2011

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00 14:30	8.50	CASINT1	24		P	10,962.0	RUN CASING F/ 5543' - 8449' CIRCULATE BOTTOMS UP @6300' 7000' & 8000'
	14:30 6:00	15.50	CASINT1	24		P	10,962.0	REAM CASING F/ 8449' - 8945'
11/14/2011	6:00 10:00	4.00	CASINT1	24		N	10,962.0	REAM CASING F/ 8945' - 9025'
	10:00 10:30	0.50	CASINT1	12		P	10,962.0	RIG SERVICE
	10:30 1:30	15.00	CASINT1	24		N	10,962.0	REAM CASING F/ 9025' - 9164' RAISE VIS TO 85, 105 SPM, 255 GPM, TORQUE 10,000 TO 17,000 FT-LBS, LOSSES LAST 12 HRS 220 BBLS
	1:30 2:00	0.50	CASINT1	42		N	10,962.0	REPAIR LEAK ON ROTATING HEAD
	2:00 6:00	4.00	CASINT1	24		N	10,962.0	REAM CASING F/ 9164' - 9167'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: EL PASO 4-21B4
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP		9. API NUMBER: 43013505720000
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: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/14/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached procedure for details on the initial completion.		
		Approved by the Utah Division of Oil, Gas and Mining Date: 12/08/2011 By: <u><i>Dark K. Quist</i></u>
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A		DATE 12/8/2011

**El Paso 4-21B4
Initial Completion
43013505720000**

The following precautions will be taken until the RCA for the Conover is completed:

1. Review torque turning and running of the 7" and 4 1/2" liner of anomalies.
2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.
3. Test all lubricators, valves and BOP's to working pressure.
4. Wellhead isolation tools will continue to be used to isolate the wellhead during the frac.
5. Monitor the surface casing during frac:
 - a. Lay a flowline to the flow back tank and keep the valve open.
 - b. This line will remain in place until a wire line set retrievable packer is in place isolating the 4 1/2" casing from the 7" after the frac.
6. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.
7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

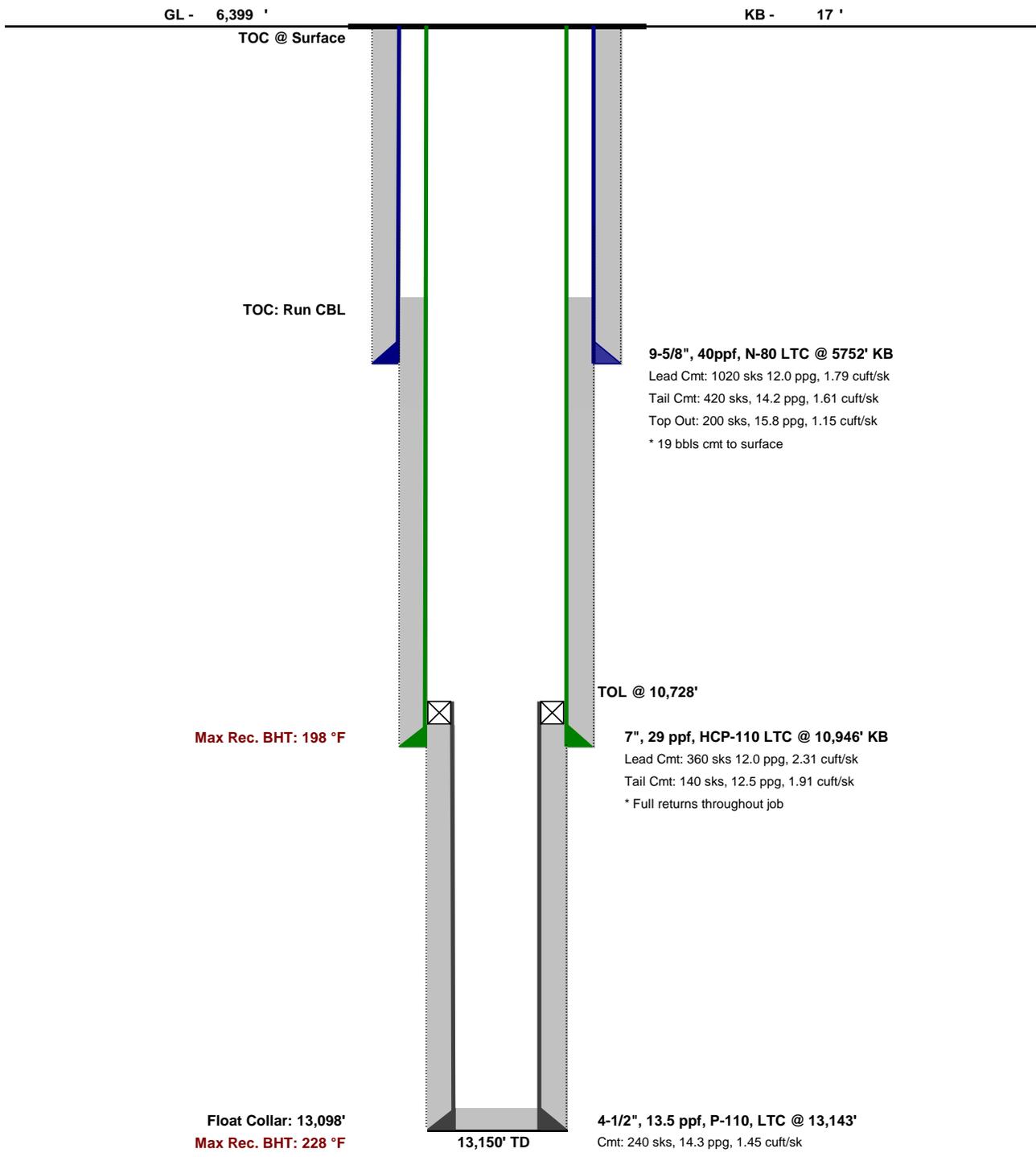
- Stage 1: RU WL unit with 10K lubricator and test to 10000 psi with methanol. Perforate from ~12828' – 13100'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~5500# of 100 mesh sand and ~122500# Inter. Ceramic 20/40.
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- Stage 3: RU WL unit with 10K lubricator. Set CBP at 12565'. Perforate from ~12355' – 12546'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~4500# of 100 mesh sand and ~106500# Inter. Ceramic 20/40.

- Stage 4: RU WL unit with 10K lubricator. Set CBP at 12310'. Perforate from ~12042' – 12288'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~11000# of 100 mesh sand and ~152000# Inter. Ceramic 20/40.
- Stage 5: RU WL unit with 10K lubricator. Set CBP at 12030'. Perforate from ~11800' – 12017'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~8000# of 100 mesh sand and ~132000# Inter. Ceramic 20/40.
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- Stage 7: RU WL unit with 10K lubricator. Set CBP at 11510'. Perforate from ~11289' – 11488'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~7500# of 100 mesh sand and ~112000# Inter. Ceramic 20/40.



Pre-Completion Wellbore Diagram

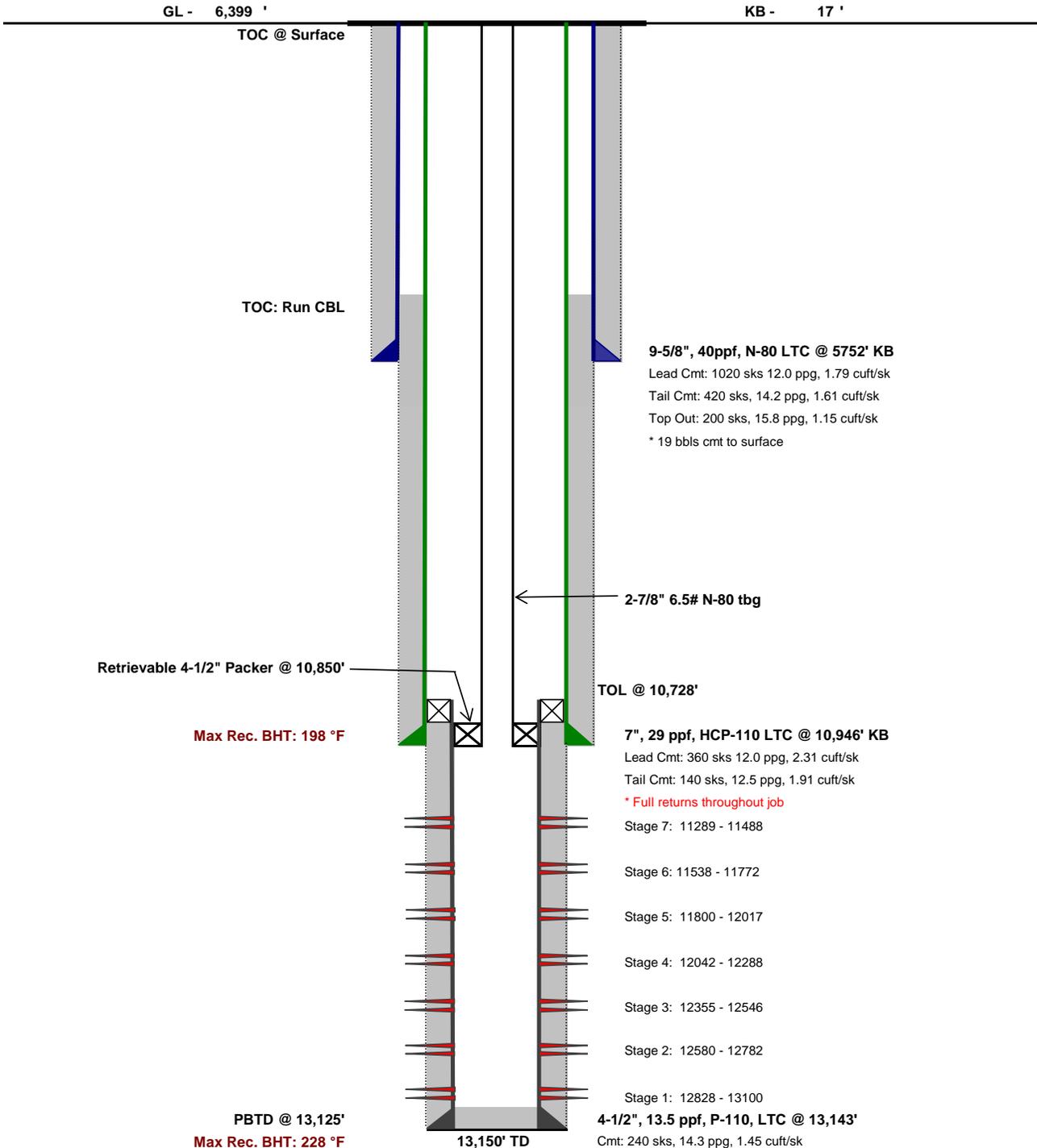
Well Name	El Paso 4-21B4	Date	December 7, 2011
Field	Altamont	TD	13,150
County	Duchesne	State	Utah
Property #		API	43-013-50572
Partners	NRI	WI	
Formation	Wasatch	Crude	Yellow Wax
Surface Location	1197' FSL 1608' FEL SWSE Section 21 T2S-R4W		
Artificial Lift Method		PBTD	13,098'
Open Perfs - Top	Bottom	Total Number of Holes	
Known Problems			





Post-Completion Wellbore Diagram

Well Name	El Paso 4-21B4		Date	December 7, 2011
Field	Altamont		TD	13,150
County	Duchesne		State	Utah
Property #			API	43-013-50572
Partners	NRI		WI	
Formation	Wasatch	Crude	Yellow Wax	BHL Vertical
Surface Location	1197' FSL 1608' FEL SWSE Section 21 T2S-R4W			
Artificial Lift Method	Flowing up tbg		PBTD	13,125'
Open Perfs - Top	11,289	Bottom	13,100	Total Number of Holes
Known Problems	426			



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	
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1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
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		STATE: UTAH	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached procedure for details on the initial completion.			
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: <u>12/08/2011</u></p> <p style="color: red; font-weight: bold;">By: <u><i>Derek Duff</i></u></p>			
NAME (PLEASE PRINT) Maria S. Gomez		PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A		DATE 12/8/2011	

**El Paso 4-21B4
Initial Completion
43013505720000**

The following precautions will be taken until the RCA for the Conover is completed:

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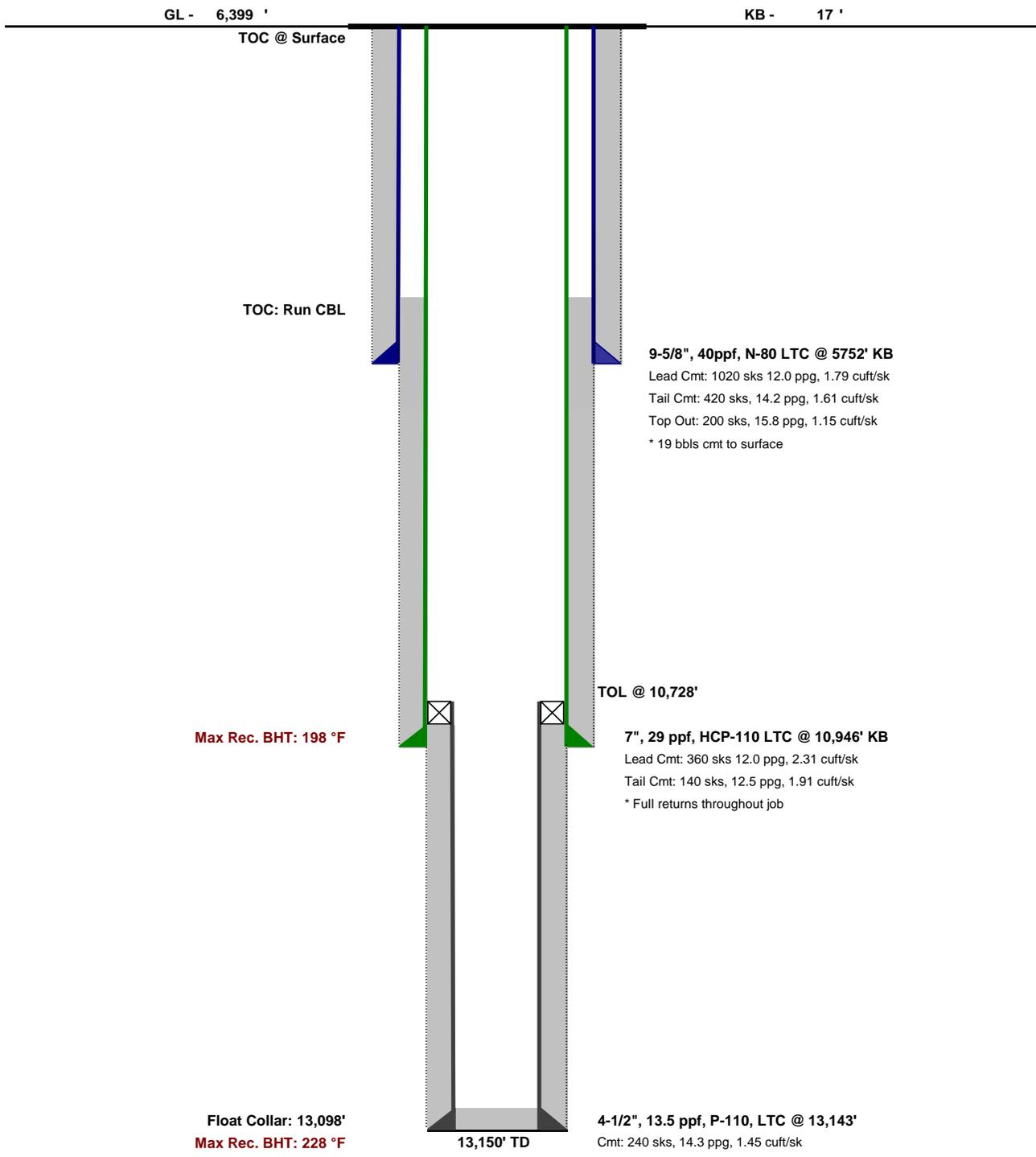
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Pre-Completion Wellbore Diagram

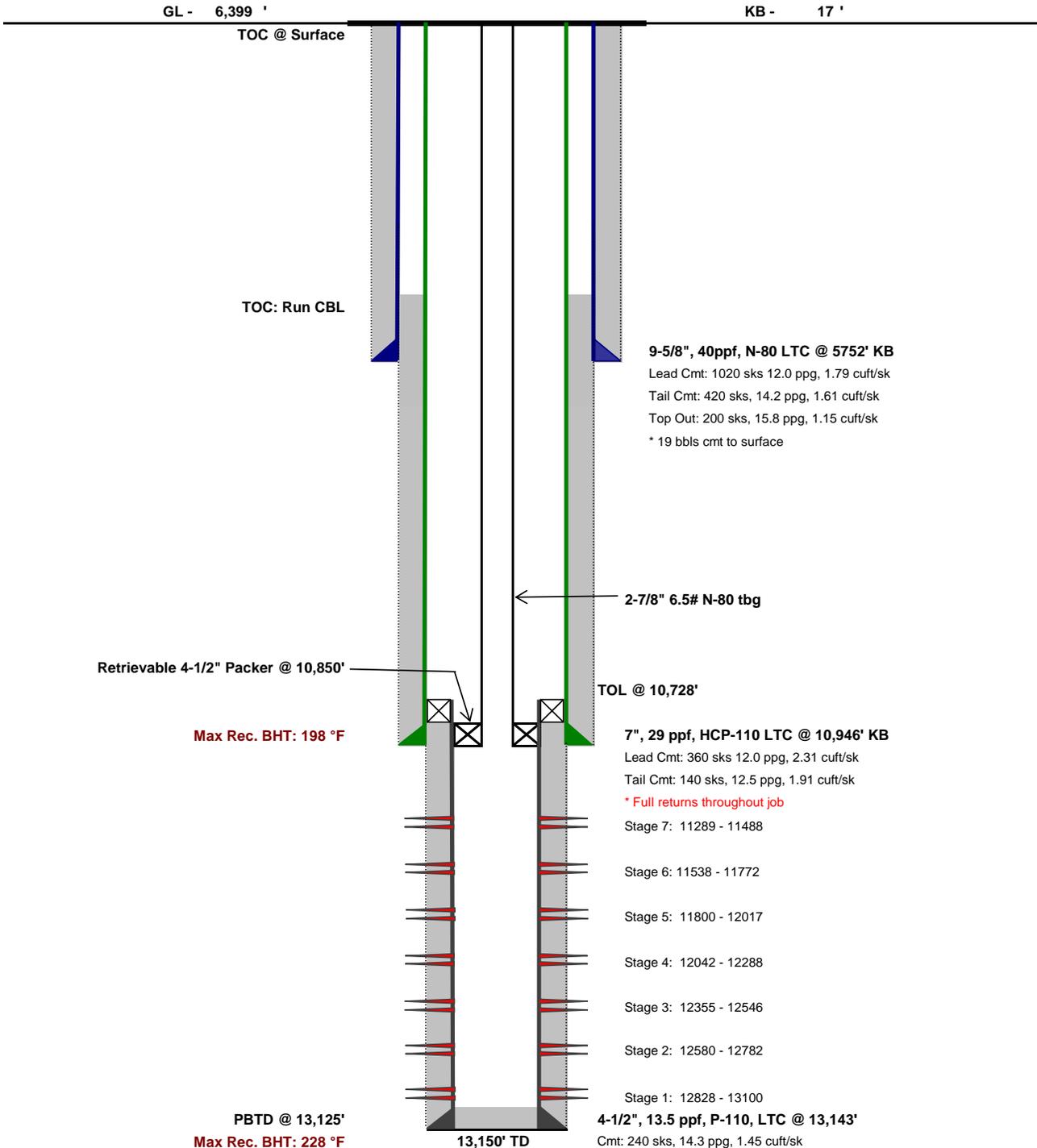
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Field	Altamont	TD	13,150
County	Duchesne	State	Utah
Property #		API	43-013-50572
Partners	NRI	WI	
Formation	Wasatch	Crude	Yellow Wax
Surface Location	1197' FSL 1608' FEL SWSE Section 21 T2S-R4W		
Artificial Lift Method		PBTD	13,098'
Open Perfs - Top	Bottom	Total Number of Holes	
Known Problems			





Post-Completion Wellbore Diagram

Well Name	El Paso 4-21B4		Date	December 7, 2011
Field	Altamont		TD	13,150
County	Duchesne		State	Utah
Property #			API	43-013-50572
Partners	NRI		WI	
Formation	Wasatch	Crude	Yellow Wax	BHL Vertical
Surface Location	1197' FSL 1608' FEL SWSE Section 21 T2S-R4W			
Artificial Lift Method	Flowing up tbg		PBTD	13,125'
Open Perfs - Top	11,289	Bottom	13,100	Total Number of Holes 426
Known Problems				



RECEIVED

CONFIDENTIAL

JAN 12 2012

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

DIV. OF OIL, GAS & MINING

AMENDED REPORT [] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] OTHER []
b. TYPE OF WORK: NEW WELL [X] 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 Houston TX 77002 PHONE NUMBER (713) 420-5138
4. LOCATION OF WELL (FOOTAGES): AT SURFACE: 1197' FSL & 1608' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 1197' FSL & 1608' FEL AT TOTAL DEPTH: 1197' FSL & 1608' FEL
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: El Paso 4-21B4
9. API NUMBER: 4301350572
10. FIELD AND POOL OR WILDCAT: Altamont
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 21 2S 4W U.S.B. & M.
12. COUNTY: Duchesne 13. STATE: UTAH
14. DATE SPUNDED: 7/31/2011 15. DATE T.D. REACHED: 11/23/2011 16. DATE COMPLETED: 12/29/2011 ABANDONED [] READY TO PRODUCE [X]
17. ELEVATIONS (DF, RKB, RT, GL): 6399' GL
18. TOTAL DEPTH: MD 13,150 TVD 13,150 19. PLUG BACK T.D.: MD 13,125 TVD 13,125 20. IF MULTIPLE COMPLETIONS, HOW MANY? * NO 21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each): Quad Combo, GR/CCL/CBL
23. WAS WELL CORED? NO [X] YES [] (Submit analysis) WAS DST RUN? NO [X] YES [] (Submit report) DIRECTIONAL SURVEY? NO [X] YES [] (Submit copy)

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

Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP **, AMOUNT PULLED. Rows include 26", 17-1/2", 12-1/4", 8-3/4", 6-1/8" casing sizes.

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Row: 2-7/8" tubing.

26. PRODUCING INTERVALS

Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO HOLES, PERFORATION STATUS. Rows (A) Wasatch, (B), (C), (D).

27. PERFORATION RECORD

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

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL. Rows: 12830 - 13102, 12581 - 12785, 12352 - 12546.

29. ENCLOSED ATTACHMENTS:

- [] ELECTRICAL/MECHANICAL LOGS [] GEOLOGIC REPORT [] DST REPORT [] DIRECTIONAL SURVEY
[] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [] CORE ANALYSIS [X] OTHER: Item #27 & #28 continued on attachment.

30. WELL STATUS:

Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/23/2011		TEST DATE: 12/26/2011		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 274	GAS - MCF: 386	WATER - BBL: 144	PROD. METHOD: Flowing
CHOKE SIZE: 16/64th	TBG. PRESS.	CSG. PRESS. 1,000	API GRAVITY 43.10	BTU - GAS	GAS/OIL RATIO 1,408	24 HR PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

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, lime 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 Wasatch	9,021 10,683

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 1/12/2012

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340
 Fax: 801-359-3940

Attachment to Well Completion Report

Form 8 Dated January 12, 2012

Well Name: El Paso #4-21B4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
11793 – 12011	2-3/4	60	Open
11526 – 11762	2-3/4	60	Open
11263 – 11474	2-3/4	60	Open

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

Interval	Amount and Type of Material
12036 - 12885	Acidize w/4620 gals 15% HCL. Frac with 11,001 #'s 100 mesh & 135,583 #'s 20/40 TerraProp Pro.
11793 – 12011	Acidize w/4276 gals 15% HCL. Frac with 8001 #'s 100 mesh & 102,674 #'s 20/40 TerraProp Pro.
11526 - 11762	Acidize w/4893 gals 15% HCL. Frac with 10,000 #'s 100 mesh & 106,000 #'s 20/40 TerraProp Pro.
11263 - 11474	Acidize w/4775 gals 15% HCL. Frac w/7000 #'s 100 mesh & 114,695 #'s 20/40 TerraProp Pro.

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JAN 12 2012

DIV. OF OIL, GAS & MINING

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

FORM 6

ENTITY ACTION FORM

Operator: El Paso E&P Company, L.P. Operator Account Number: N 3065
Address: 1001 Louisiana, Room 2730D
city Houston
state TX zip 77002 Phone Number: (713) 420-5038

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350569	Rowley 3-16B4		NWNW	16	2S	4W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	18151	18151	7/21/2011			12/13/2011	
Comments: Initial Completion <u>WSTC</u>			CONFIDENTIAL			1/31/12	

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350572	El Paso 4-21B4		SWSE	21	2S	4W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	18152	18152	7/31/2011			12/23/2011	
Comments: Initial Completion <u>WSTC</u>			CONFIDENTIAL			1/31/12	

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350711	Lake Fork Ranch 3-25B4		NWNW	25	2S	4W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	18220	18220	8/31/2011			12/14/2011	
Comments: Initial Completion <u>WSTC</u>			CONFIDENTIAL			1/31/12	

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Maria S. Gomez

Name (Please Print)

Maria S. Gomez

Signature

Principle Regulatory Analyst

1/27/2012

Title

Date

RECEIVED

JAN 27 2012

DIV. OF OIL, GAS & MINING

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:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP		8. WELL NAME and NUMBER: EL PASO 4-21B4	
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002		9. API NUMBER: 43013505720000	
PHONE NUMBER: 713 420-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/5/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Final Report. Well on production.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 06, 2012			
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analyst	
SIGNATURE N/A		DATE 3/5/2012	

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
11/14/2011	6:00 14:30	8.50	CASINT1	24		P	10,962.0	RUN CASING F/ 5543' - 8449' CIRCULATE BOTTOMS UP @6300' 7000' & 8000'
	14:30 6:00	15.50	CASINT1	24		N	10,962.0	REAM CASING F/ 8449' - 8945'
	6:00 6:30	0.50	CASINT1	12		P	10,962.0	RIG SERVICE
	6:30 10:00	3.50	CASINT1	24		N	10,962.0	REAM CASING F/ 8945' - 9025'
	10:30 1:30	15.00	CASINT1	24		N	10,962.0	REAM CASING F/ 9025' - 9164' RAISE VIS TO 85, 105 SPM, 255 GPM, TORQUE 10,000 TO 17,000 FT-LBS, LOSSES LAST 12 HRS 220 BBLs
	1:30 2:00	0.50	CASINT1	49		N	10,962.0	REPAIR LEAK ON ROTATING HEAD
11/15/2011	2:00 6:00	4.00	CASINT1	24		N	10,962.0	REAM CASING F/ 9164' - 9167'
	6:00 12:00	6.00	CASINT1	24		N	10,962.0	REAM CASING F/ 9167' - 9333'
	12:00 12:30	0.50	CASINT1	12		P	10,962.0	RIG SERVICE
	12:30 6:00	17.50	CASINT1	24		N	10,962.0	REAM CASING F/ 9333' - 10300' VIS 80, 105 SPM, 255 GPM, TORQUE 10,000 TO 17,000 FT-LBS, LOSSES LAST 12 HRS 35 BBLs
11/16/2011	6:00 12:00	6.00	CASINT1	24		N	10,962.0	REAM CASING F/ 10300' - 10962' VIS 80, 105 SPM, 255 GPM, TORQUE 10,000 TO 17,000 FT-LBS. RAN A TOTAL OF 250 JOINTS OF 7" 29# P-110 8RND RNG3 LT&C CASING SET AT 10946' RKB
	12:00 13:30	1.50	CASINT1	15		P	10,962.0	C&C MUD, BOTTOMS UP GAS 9000 UNITS
	13:30 16:30	3.00	CASINT1	24		P	10,962.0	LAY DOWN TAG JOINT, PICK UP LANDING JOINT & LAND CASING. INSTALL CIRCULATING SWEDGE AND CIRCULATE. RIG DOWN TESCO CDS, RIG UP LONG BAILS AND 350 TON ELEVATORS.
	16:30 17:00	0.50	CASINT1	12		P	10,962.0	RIG SERVICE. HOLD JSA WITH HALLIBURTON CEMENTERS
	17:00 20:00	3.00	CASINT1	25		P	10,962.0	RIG UP CEMENTERS. PRESSURE TEST LINES TO 5000 PSI. PUMP 20 BBLs WATER SPACER. PUMP LEAD 360 SX @ 12.0 PPG 2.31 YEILD (148 BBLs). TAIL 140 SX @ 12.5 PPG 1.91 YEILD (47 BBLs). DROP PLUG AND DISPLACE WITH 408 BBLs OF MUD, DID NOT BUMP PLUG. BLEED BACK 1 BBL. FLOATS HELD, HAD FULL RETURNS THROUGH OUT JOB.
	20:00 4:30	8.50	DRLPRD	42		P	10,962.0	TALLY BHA & DP, CHANGE OUT BAILS, CHANGE TOP DRIVE TO 3-1/2" DRILL STRING, LAY DOWN LANDING JT & CHANGE OUT PIPE RAMS TO 3-1/2"
	4:30 6:00	1.50	DRLPRD	19		P	10,962.0	PJSM, INSTALL PACK OFF ASSEMBLY, TEST TO 5000 PSI FOR 15 MIN.
	11/17/2011	6:00 13:00	7.00	DRLPRD	19		P	10,962.0
13:00 21:30		8.50	DRLPRD	14		P	10,962.0	PU & RIH WITH BHA & 3 1/2" DP TO 5550'
21:30 22:00		0.50	DRLPRD	12		P	10,962.0	RIG SERVICE
22:00 2:30		4.50	DRLPRD	14		P	10,962.0	PU & RIH W/ DP F/ 5550' - 10521'
2:30 3:30		1.00	DRLPRD	17		P	10,962.0	CUT & SLIP DRILL LINE
3:30 4:00		0.50	DRLPRD	14		P	10,962.0	PU & RIH W/ DP F/ 10521' - 10827'
4:00 6:00		2.00	DRLPRD	72		P	10,962.0	TAGGED CMT @ 10872'. DRILL OUT CEMENT & SHOE TRACK F/ 10872' - 10943'
11/18/2011	6:00 6:30	0.50	DRLPRD	72		P	10,962.0	REAM TO 10943' - 10959'
	6:30 11:00	4.50	DRLPRD	15		P	10,962.0	C&C MUD, SWIVEL LEAKING, CIRC. W/ 2" HOSE, CLEAN THREADS & BLACK LIGHT CONNECTION INSPECTION ON SWIVEL
	11:00 11:30	0.50	DRLPRD	33		P	10,962.0	FIT. TEST FLUID WEIGHT 11.1 PPG, 10,962' TVD, SURFACE PRESSURE 1800 PSI = E MUD WT OF 14.2 PPG
	11:30 16:00	4.50	DRLPRD	07		P	10,962.0	DRILL F/ 10962' - 11058'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	16:00 16:30	0.50	DRLPRD	41		P	11,058.0	BOP DRILL
	16:30 18:00	1.50	DRLPRD	07		P	11,058.0	DRILL F/ 11058' - 11095'
	18:00 21:00	3.00	DRLPRD	52		N	11,095.0	LOST CIRC. C & C MUD
	21:00 23:00	2.00	DRLPRD	07		P	11,095.0	DRILL F/ 11095' - 11154'
	23:00 23:30	0.50	DRLPRD	12		P	11,154.0	RIG SERVICE, FUNCTION ANNULAR C/O 21 SEC
	23:30 6:00	6.50	DRLPRD	07		P	11,154.0	DRILL F/ 11154' - 11285'
11/19/2011	6:00 9:30	3.50	DRLPRD	07		P	11,285.0	DRILL F/ 11,285' - 11,342
	9:30 10:00	0.50	DRLPRD	12		P	11,342.0	RIG SERVICE
	10:00 6:00	20.00	DRLPRD	07		P	11,342.0	DRILL F/ 11,342 - 11,715'
11/20/2011	6:00 11:00	5.00	DRLPRD	07		P	11,715.0	DRILL F/ 11,715' - 11,819'.
	11:00 11:30	0.50	DRLPRD	12		P	11,819.0	RIG SERVICE.
	11:30 6:00	18.50	DRLPRD	07		P	11,819.0	DRILL F/ 11,819 - 12,060'.
11/21/2011	6:00 9:30	3.50	DRLPRD	07		P	12,060.0	DRILL F/ 12,060' - 12,104'.
	9:30 10:00	0.50	DRLPRD	12		P	12,104.0	RIG SERVICE.
	10:00 19:30	9.50	DRLPRD	07		P	12,104.0	DRILL F/ 12,104' - 12,226'.
	19:30 2:30	7.00	DRLPRD	13		P	12,226.0	PJSM. PUMP SLUG. POOH W/ BHA & BIT #8. HOLE SICK.
	2:30 3:00	0.50	DRLPRD	12		P	12,226.0	RIG SERVICE.
	3:00 6:00	3.00	DRLPRD	13		P	12,226.0	PJSM. TIH W/ BHA & BIT #9.
11/22/2011	6:00 8:00	2.00	DRLPRD	13		P	12,226.0	TIH W/ BHA & BIT #9. HOLE SLICK
	8:00 12:30	4.50	DRLPRD	07		P	12,226.0	DRILL F/ 12,226' - 12,295'
	12:30 13:00	0.50	DRLPRD	12		P	12,295.0	RIG SERVICE
	13:00 6:00	17.00	DRLPRD	07		P	12,295.0	DRILL F/ 12,295 - 12,565'.
11/23/2011	6:00 7:30	1.50	DRLPRD	07		P	12,565.0	DRILL FROM: 12,565' TO 12,582' .
	7:30 8:00	0.50	DRLPRD	12		P	12,582.0	RIG SERVICE
	8:00 20:30	12.50	DRLPRD	07		P	12,582.0	DRILL FROM: 12,582' TO 12,776' .
	20:30 21:00	0.50	DRLPRD	12		P	12,776.0	RIG SERVICE
	21:00 6:00	9.00	DRLPRD	07		P	12,776.0	DRILL F/ 12,776' - 13,000'.
11/24/2011	6:00 8:30	2.50	DRLPRD	07		P	13,000.0	DRILL FROM 13,000' / 13,059' .
	8:30 9:00	0.50	DRLPRD	41		P	13,059.0	BOPE DRILL - MEN IN PLACE IN 90 SECONDS - FUNCTION TEST UPPER DRILL PIPE RAMS, 4 SECONDS TO CLOSE .
	9:00 17:30	8.50	DRLPRD	07		P	13,059.0	DRILL FROM 13,059' / 13,150' .
	17:30 22:00	4.50	DRLPRD	15		P	13,150.0	CIRCULATE AND CONDITION RAISE MUD WT. F/ 12.8 PPG TO 13.0 PPG
	22:00 0:30	2.50	DRLPRD	13		P	13,150.0	WIPE HOLE TO SHOE
	0:30 3:30	3.00	DRLPRD	15		P	13,150.0	CIRCULATE
	3:30 6:00	2.50	DRLPRD	13		P	13,150.0	TRIP OUT FOR LOGS
11/25/2011	6:00 11:30	5.50	DRLPRD	13		P	13,150.0	POOH FOR RUNNING OF E-LOG'S - LAID DOWN STAB'S, FUNCTION TEST BLIND RAMS, CLOSED SAME IN 4 SECONDS, FUNCTION TEST LOWER 3.5" DRILL PIPE RAMS, 4 SECONDS TO CLOSE SAME .
	11:30 12:00	0.50	DRLPRD	12		P	13,150.0	SERVICE UP RIG .
	12:00 23:00	11.00	EVLPRD	22		P	13,150.0	HPJSM WITH WEATHERFORD WL - R/U AND RAN QUAD COMBO WITH SONIC - LOGGERS TD 13,138' .
	23:00 5:00	6.00	CASPRD1	24		P	13,150.0	HSM R/U AND RAN 4.5" 13.50 # P-110 LTC LINER 59 JTS 2392'.
	5:00 6:00	1.00	CASPRD1	24		P	13,150.0	R/D CASING TOOLS P/U HANGER - MAKING UP LINER HANGER AT REPORT TIME
11/26/2011	6:00 15:00	9.00	CASPRD1	24		P	13,150.0	RUN IN HOLE WITH 3 1/2" DRILL PIPE AT 45' / MINUTE TO 10,911' - STAGE IN EVERY 2,000' .
	15:00 16:30	1.50	CASPRD1	17		P	13,150.0	SLIP AND CUT DRILLING LINE , SERVICE RIG - CIRCULATE BOTTOMS UP .
	16:30 20:30	4.00	CASPRD1	24		P	13,150.0	WASHING LINER TO BOTTOM 13,150'
	20:30 0:30	4.00	CASPRD1	15		P	13,150.0	CIRCULATE CASING @ 2.3 BBLs / MIN.
	0:30 3:00	2.50	CASPRD1	52		N	13,150.0	CONDITION MUD, ADDING LCM MATERIAL TO STOP LOSSES AND CIRCULATE OUT GAS .

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	3:00 6:00	3.00	CASPRD1	25		P	13,150.0	SPACED OUT, INSTALL CEMENTING MANIFOLD, FILL LINES AND TEST TO 8,000 PSI, PUMPED 10 BBLs WATER, 40 BBLs SPACER III, MIX & PUMP 240 SKS PREMIUM 50/50 POZ @ 14.3 PPG YIELD 1.45 CF / SKS, WASH PUMPS & LINES, DROP WIPER DART, PUMP 30 BBLs FRESH WATER, FOLLOWED BY 85 BBLs MUD, BUMP PLUG WITH 2050 PSI, BLEED , FLOATS HELD. CIP @ 05:27 HRS 11/26/2011, DROP BALL AND SPACED OUT 7 FEET ABOVE TD, RUPTURED DISK WITH 4800 PSI, CIRCULATED DOWN BALL ON SEAT, EXPANDED HANGER WITH 6100 PSI, PULL TEST WITH 100 K , SLACKED OFF TO 70 K AND RELEASED HANGER RUNNING TOOL - 4 1/2" SHOE AT 13,143' , LATCH COLLAR AT 13,098' , LOWER MARKER PUP AT 12,506' , UPPER MARKER PUP AT 11,541' , TOP OF PBR AT 10,728' - OVER LAP INTO 7" 29# CASING WAS 218'
11/27/2011	6:00 7:00	1.00	CASPRD1	25		P	13,150.0	PULL UP 25 FEET ABOVE LINER TOP AND CIRCULATED OUT 2X BTMS UP, HAD ALL OF PRE FLUSH TO SURFACE, AND 10 BBLs OF GOOD CEMENT.
	7:00 8:00	1.00	CASPRD1	26		P	13,150.0	RIG DOWN CEMENT HEAD AND LINES, PULL 5 STDS OUT .
	8:00 9:00	1.00	CASPRD1	19		P	13,150.0	POSITIVE TEST CASING TO 1140 PSI FOR 10 MIN.
	9:00 21:30	12.50	CASPRD1	14		P	13,150.0	PULL OUT LAYING DOWN DRILL PIPE, RAN IN DRILL PIPE FROM DERRICK, THEN LAID DOWN SAME .
	21:30 22:00	0.50	CASPRD1	17		P	13,150.0	SLIP DRILLING LINE, ADDED 9 WRAPS FOR LOWERING DERRICK FOR RIG MOVE .
	22:00 23:30	1.50	CASPRD1	14		P	13,150.0	LAY DOWN DRILL COLLARS.
	23:30 2:00	2.50	CASPRD1	29		P	13,150.0	WASH / FLUSH SURFACE EQUIPMENT, CHANGED OUT UPPER AND LOWER PIPE RAMS FROM 3 1/2" TO 4 1/2" RAM BLOCKS
	2:00 6:00	4.00	CASPRD1	29		P	13,150.0	NIPPLING DOWN BOPE, CLEANING ON MUD PITS.
11/28/2011	6:00 14:00	8.00	CASPRD1	29		P	13,150.0	NIPPLE DOWN 11" 10K BOPE - INSTALL NEW 7" PACK-OFF AND TBG HEAD, PRESSURE TEST SAME TO 5000 PSI FOR 15 MINUTES, OK - INSTALLED NIGHT CAP - RELEASED RIG AT 14:00 HRS 11/27/2011
	14:00 20:00	6.00	RDMO	02		P	13,150.0	RIG DOWN TOP DRIVE UNIT - RIG DOWN POWER UNIT
	20:00 6:00	10.00	RDMO	02		P	13,150.0	CLEANING ON MUD PITS - RIG OUT DERRICK IN PREPARATION OF LAYING OVER SAME - CHANGED OUT LINERS IN THE MUD PUMPS TO 6" - RIGGED DOWN 50%
11/29/2011	6:00 6:00	24.00	RDMO	02		P	13,150.0	RIGGED DOWN 90%, FINAL REPORT

1 General**1.1 Customer Information**

Company	WESTERN US
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-21B4		
Project	ALTAMONT FIELD	Site	EL PASO 4-21B4
Rig Name/No.	PEAK/700 *	Event	COMPLETION LAND
Start Date	12/5/2011	End Date	
Spud Date	10/21/2011	UWI	SUNDANCE WEST 4-21 B4
Active Datum	KB @6,416.0ft (above Mean Sea Level)		
Afe No./Description	148235/43780 / EL PASO 4-21B4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
12/4/2011	9:00 9:30	0.50	MIRU	28		P		HELD SAFETY MEETING ON MOVING RIG FILLED OUT JSA.
	9:30 10:00	0.50	MIRU	01		P		MOVED RIG FROM THE 3-25 B4 TO THE 4-21B4
	10:00 12:30	2.50	WHDTRE	09		P		NU 10 K BOPE, PRESSURE TEST TO 5,000 PSI FOR 30 MIN.HELD
	12:30 13:30	1.00	MIRU	01		P		RIGGED UP RIG
	13:30 17:00	3.50	SITEPRE	18		P		SPOTTED IN CATWALK, PIPE RACKS. UNLOADED 350-JTS 2 7/8 AND 90-JTS OF 2 3/8 N-80 EUE TBG.SDFN
12/5/2011								NO ACTIVITY
12/6/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON PU TBG AND DRILL COLLARS. FILLED OUT JSA.
	7:30 13:00	5.50	WBP	24		P		TALLIED AND PU 3 3/4 BIT, BIT SUB, 4 2 7/8 DRILL COLLARS, X-OVER, 78-JTS 2 7/8 N-80 EUE TBG, X-OVER 100 JTS 2 7/8 N-80 EUE TBG.EOT 5726'
	13:00 14:00	1.00	WBP	18		P		RU PUMP LINES.
	14:00 17:00	3.00	WBP	06		P		CIRCULATE OUT DRILLING MUD W/ 200 BBLs 2% KCL @ 1.2 BPM 1100 PSI.
	17:00 17:30	0.50	WBP	39		P		TOOH W/ 10-JTS EOT @ 5420' SECURED WELL SDFN.
12/7/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON PICKING UP TBG, FILLED OUT JSA.
	7:30 7:30	0.00	WBP	06		P		CONTINUED PU TBG STOPPING AND CIRCULATING OUT DRILLING MUD FROM 6752', 7700, 8724, 9754. CONTINUE RIH TO 10765', TOOH W/ 20-JTS 2 7/8 N-80 EUE TBG. EOT 10157' SCURED WELL SDFN.
12/8/2011	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON SLICK SURFACES. FILL OUT & REVIEW JSA
	7:30 12:30	5.00	WBP	06		P		TIH W/ 20 JTS 2-7/8"EUE TBG, EOT @ 10760'. CIRCULATE MUD FROM WELL. CONTINUE IN HOLE TO 11945'. CIRCULATE MUD FROM WELLBORE.
	12:30 15:00	2.50	WBP	72		P		TIH & TAG CMT @ 13112'. RU POWER SWIVEL. DRILL CMT FROM 13112' TO FLOAT COLLAR @ 13129'. DRILL OUT FLOAT COLLAR & CMT TO 13159'
	15:00 17:00	2.00	WBP	06		P		CIRCULATE WELLBORE CLEAN W/ 440 BBLs 2% KCL WTR.
	17:00 18:00	1.00	WBP	39		P		RD POWER SWIVEL. LD 10 JTS 2-7/8"EUE TBG. SDFN
12/9/2011	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON USING HYDRAULIC CAT WALK. FILL OUT & REVIEW JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:30 13:00	5.50	WBP	24		P		TOOH LAYING DOWN 258 JTS 2-7/8"EUE TBG. FAN ON RIG MOTOR BROKE & PUT HOLE IN RIG RADIATOR.
	13:00 19:00	6.00	WBP	54		N		REPAIR RADIATOR. NO CHARGE TO EL PASO.
12/10/2011	6:00 7:30	1.50	WLWORK	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON OPENING BOP. FILL OUT & REVIEW JSA
	7:30 11:30	4.00	WBP	24		P		TOOH LAYING DOWN 92 JTS 2-7/8"EUE TBG, X-OVER, 78 JTS 2-3/8"EUE TBG, X-OVER, 4 2-7/8" DRILL COLLARS, BIT SUB & BIT.
	11:30 13:30	2.00	RDMO	02		P		RD RIG & PUMP EQUIPMENT. POLICE LOCATION. MOVE RIG OFF LOCATION.
	13:30 19:30	6.00	WBP	18		P		RU LONE WOLF WIRELINE TRUCK. RIH W/ LOGGING TOOL. RUN CBL,GR,CCL LOG FROM 13150' TO 4000' UNDER W/ 3000 PSI ON CSG. FOUND CMT TOP @ 4500'. RD WIRELINE TRUCK. SDFN
12/11/2011	6:00 6:00	24.00	WBP	44		P		NO ACTIVITY TODAY. WAITING ON PERFORATIONS
12/12/2011	6:00 6:00	24.00	WBP	44		P		NO ACTIVITY TODAY. WAITING ON PERFORATIONS
12/14/2011	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PRESSURE TESTING CSG. FILL OUT & REVIEW JSA
	7:30 11:00	3.50	WBP	08		P		PRESSURE TEST CSG TO 9400 PSI FOR 30 MINUTES. TESTED GOOD. PRESSURE TEST FLOW LINE TO 10,000 PSI FOR 10 MINUTES. TESTED GOOD. BLEED PRESSURE ON CSG TO 1000 PSI.
	11:00 14:00	3.00	STG01	21		P		RU LONE WOLF WIRELINE TRUCK. PERFORATE STAGE 1 PERFORATIONS 12830' TO 13102'W/ 2-3/4" HSC GUNS, 17 GRAM CHARGES, 3 JSPF, 120 DEGREE PHASING UNDER 1000 PSI. PRESSURE CLIMBED TO 1850 PSI WHILE PERFORATING. RD WIRELINE TRUCK
12/15/2011	9:00 10:00	1.00	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON CRANE SAFETY. FILL OUT & REVIEW JSA
	10:00 14:00	4.00	WBP	18		P		RU STINGER CSG ISOLATION TOOL. MIRU BJ PUMP EQUIPMENT. SDFN
12/16/2011	6:00 7:30	1.50	STG01	28		P		TGSM & JSA (FRAC OPERATIONS)
	7:30 9:00	1.50	STG01	35		P		PRESSURE TEST LINES & EQ., TO 9500 PSIG, BREAK DOWN STAGE 1 PERFS @ 5994 PSIG @ 7.5 BPM TREAT W/ 5000 GAL 15% HCL FLUSH 10 OVER BTM PERF, ISDP @ 5282 F.G @ .84 5 MIN @ 5225 10 MIN @ 5184 15 MIN @ 5160 PSIG
	9:00 10:30	1.50	STG01	35		P		TREAT STAGE 1 PERFS W/ 5,500# 100 MESH IN 1/2 PPG STAGE & 118,748# TERRA PROP PRO, 20/40 IN 1,2,3,3.5 & 4 PPG STAGES,FLUSH TO TOP PERF ISDP @ 5567 F.G @ .86 5 MIN @ 5447 10 MIN @ 5361 15 MIN @ 5331 SWI TOT WIRE LINE.
	10:30 13:00	2.50	STG02	21		P		RU WIRE LINE TEST LUB TO 10,000 PSIG NO TEST REPAIR LEAKS RETEST GOOD, RIH W/ 4-1/2" CBP W/ 2-3/4" HSC, 15 GM CHARGES,3 JSPF & 120* PHASING. SET & TEST PLUG @ 12,805 & PERFORATE 12581 TO 12785 20 NET FT W/ 60 HLS. SWI TOT FRAC CREW
	13:00 13:00	0.00	STG02	35		P		SIP @ 4125 ATTEMPT TO BREAK DOWN STAGE 2 PERFS @ 8500 PSIG 4 TIMES W/ NO SUCCESS, GARY LAMB GAVE PERMISSION TO ATTEMPT BREAK DOWN MAX PRES @ 9400 PSIG, ATTEMPT TWICE W/ NO SUCCESS, BLEED PRES TO 2500 PSIG, REATTEMPT & BREAK DOWN STAGE 2 PERFS @ 7071 PSIG @ 5 BPM, TREAT STAGE 2 PERFS W/ 5000 GAL 15% HCL FLUSH 10 OVER BTM PERF ISDP @ 5346 F.G @ .86 5MIN @ 5260 10 MIN @ 5216 15 MIN @ 5194 SWI (BJ C/NOT GET GEL OFF TRANSPORT NOT A WINTER ISSUE)
12/17/2011	6:00 7:00	1.00	STG02	28		P		TGSM & JSA (FRAC OPERATIONS)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:00 8:00	1.00	STG02	35		P		PRESSURE TEST LINES & EQ., TO 9500 PSIG, TREAT STAGE 2 PERFS W/ 4000# 100 MESH IN 1/2 PPG STAGE & 101,705 TERRA PROP PRO 20/40 MESH IN 1,2,3,3.5,4 PPG STAGES FLUSH TO TOP PERF, ISDP @ 5836 F.G @ .89 5 MIN @ 5533 10 MIN @ 5413 15 MIN @ 5346 AVE RATE @ 68.6 BPM AVE PRES @ 6727 MAX RATE @ 70.3 BPM MAX PRES @ 7663. USE PROTECHNICS TRACER IN 1,2,3,3.5 & 4 PPG STAGES
	8:00 9:30	1.50	STG03	21		P		RU WIRE LINE TEST LUB TO 10,000 PSIG NO TEST REPAIR LEAKS RETEST GOOD, RIH W/ 4-1/2" CBP W/ 2-3/4" HSC, 15 GM CHARGES,3 JSPF & 120* PHASING. SET & TEST PLUG @ 12565 & PERFORATE 12546 TO 12352 20 NET FT W/ 60 HLS. SWI TOT FRAC CREW
	9:30 10:30	1.00	STG03	35		P		PRESSURE TEST LINES & EQ., TO 9500 PSIG, BREAK DOWN STAGE 3 PERFS @ 7538 PSIG @ 7.1 BPM TREAT W/ 5000 GAL 15% HCL FLUSH 10 OVER BTM PERF, ISDP @ 5438 F.G @ .87 5 MIN @ 5298 10 MIN @ 5240 15 MIN @ 5194 PSIG
	10:30 11:30	1.00	STG03	35		P		TREAT STAGE 3 PERFS W/ 4500# 100 MESH IN 1/2 PPG STAGE & 103,953 TERRA PROP PRO 20/40 MESH IN 1,2,3,3.5,4 PPG STAGES FLUSH W/ 276 LOCKED UP (147 BBLS SHORT) 22,800# TERRA PROP LEST IN WELLBORE USE PROTECHNICS TRACER IN 1,2,3,3.5 & 4 PPG STAGES
	11:30 15:00	3.50	STG03	18		N		RD BJ FRAC EQ., OFF WELL HEAD N/D STINGER. SWI
12/18/2011	9:30 10:00	0.50	CTU	28		P		MOL W/ IPS COILTGB EQ., TGSM & JSA (COIL TBG OPERATIONS)
	10:00 13:00	3.00	CTU	16		P		NU COILTGB BOPE, PUMP 60 BBLS WTR THRU COIL, PRES TEST EQ., MU JET NOZZLE.
	13:00 15:30	2.50	CTU	39		P		CSIP @ 4500 PSIG, OPEN WELL ON 12/64 AS RIH W/ COIL TBG PUMPING 1 BPM, CHNAGE RATES @ LINER TOP TO 3 BPM, OPEN WELL UP RETURNING 3 BPM PUMPING, RIH TAG SAND @ 11,049 WASH SAND TO CBP @ WLM 12,565' & CTM 12,580' CHANGE RATES TO 3 BPM W/ 500 SCFS
	15:30 21:00	5.50	CTU	06		P		CIRCULATE 2 HOURS WHILE WORKING PIPE THROUGH PERFS, STOP @ LINER TOP FOR 1 HOUR (CHANGE RATES TO 1000 SCFS & 3 BPM, COOH @ 4000' KILL WTR. POOH BUMP UP SWIFN.
	21:00 22:00	1.00	CTU	18		P		RDMOL W/ IPS COIL TBG UNIT.
12/19/2011	6:00 6:30	0.50	STG04	28		P		MOL W/ LONE WOLF WIRELINE UNIT TGSM & JSA (WIRE LINE OPERATIONS)
	6:30 10:00	3.50	STG04	18		P		CSIP @ 3800 PSIG, RU LONE WOLF WIRELINE UNIT RIH W/ WT BARS JB/3.625 GR TO 12330' DID NOT TAG.
	10:00 12:00	2.00	STG04	21		P		RIH 4.5 CBP & 2-3/4" HSC, 15 GM CHARGES,3 JSPF, 120* PHASING, SET & TEST PLUG @ 12,310' PERFORATE 12885' TO 12036', 21 NET FT, 63 HOLES.
	12:00 13:00	1.00	STG04	18		P		RIG DOWN WIRE LINE UNIT
	13:00 16:00	3.00	STG04	16		P		NU STINGER WELL HEAD PROTECTION.
12/20/2011	6:00 6:30	0.50	STG04	28		P		CT TGSM & JSA (STAGE 4 FRAC OPERATIONS)
	6:30 8:00	1.50	STG04	18		P		RU BJ FRAC EQ., PRESSURE TEST LINES & EQ., TO 9500 PSIG
	8:00 9:00	1.00	STG04	35		P		CSIP @ 5184, BREAK DOWN STAGE 4 PERFS 5184 @ 12.5 BPM, TREAT W/ 5000 GAL 15% HCL FLUSH 10 OVER BTM PERF, ISDP @ 4560 F.G @ .81 5 MIN @ 3536 10 MIN @ 3024 15 MIN @ 2740 MX RATE 58.8 BPM AVE RATE @ 35.2 BPM MX PRES @ 7465 AVE PRES @ 6125

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	9:00 10:00	1.00	STG04	35		P		TREAT STAGE 4 PERFS W/ 11000# 100 MESH IN 1/2 PPG STAGE & 135,583 IN 1,2,3,3.5&4 PPG STAGE CUT AND RUN 7,104# LEFT TO PUMP IN 4# STAGE FLUSH W/ 276 BBLs SCREENED OUT W/ 10,000# IN WELL BORE. MAX PRES @ 8500 PSIG AVE PRES @ 7032 MAX RATE @ 68.5 BPM AVE RATE @ 61.3 BPM ISDP @ 8100 PSIG
	10:00 16:00	6.00	STG04	18		N		RD BJ, N/D STINGER PREP LOCATION FOR COIL TBG
	16:00 16:30	0.50	CTU	28		N		MOL W/ IPS COIL TBG UNIT, TGSM & JSA (COIL TBG OPERATIONS)
	16:30 19:00	2.50	CTU	18		N		SPOT IN RIG COIL TBG EQ., RIG UP
	19:00 21:00	2.00	CTU	10		N		RIH W/ WASH NOZZLE AND 2" COIL TBG. PUMPING 1/2 BPM CHANGE RATES AT LINER TOP TO 3 BPM, TAG FILL @ 11,515 WASH OUT TO CBP CTM @ 12,322', CHANGE RATES TO 3 BPM & 500 SCFS
	21:00 0:30	3.50	CTU	40		N		CIRCULATE WORKING PIPE THROUGH PERFS FOR 2 HOURS POOH TO LINER TOP CHANGE RATES TO 3 BPM AND 1000 SCFS, WORK PIPE AT LINER TOP FOR 1 HOUR
	0:30 2:30	2.00	CTU	39		N		POOH W/ COIL TBG AT 4000' CHANGE RATES TO 2000 SCFS NO WATER. SWI LET COIL BLOW DRY.
	2:30 3:30	1.00	CTU	18		N		RDMOL W/ COIL TBG UNIT.
	3:30 6:00	2.50	STG05	28		N		MOL W/ LONE WOLF WIRE LINE UNIT RIG UP SIH W/ CCL/JB& 3.625 GR
12/21/2011	6:00 6:30	0.50	STG05	18		N		CIH W/ 3.625 GAUGE RING & J/B TO 12040'
	6:30 7:30	1.00	STG05	21		P		RIH 4.5 CBP & 2-3/4" HSC, 15 GM CHARGES,3 JSPF, 120* PHASING, SET & TEST PLUG @ 12,030' PERFORATE 12011' TO 11793', 21 NET FT, 63 HOLES.
	7:30 9:30	2.00	STG05	16		P		NIPPLE UP STINGER WELL HEAD PROTECTION
	9:30 11:00	1.50	STG05	18		P		RU PRESSURE TEST FRAC EQ., TO 9500 PSIG
	11:00 11:30	0.50	STG05	35		P		BREAK DOWN STAGE 5 PERFS 12.5 BPM @ 5957 PSIG TREAT W/ 5000 GAL 15% HCL FLUSH 10 OVER BTM PERF, ISDP 5300 F.G @ .88 5 MIN @ 5124 10 MIN @ 5020 15 MIN @ 4894
	11:30 12:30	1.00	STG05	09		P		REPAIR PUMP TRUCK
	12:30 13:00	0.50	STG05	35		P		TREAT STAGE 5 PERFS W/ 8000# 100 MESH IN 1/2 PPG STAGE, & 102,674 TERRA PROP 20/40 IN 1,2,&3 PPG STAGES CUT & RUN 37,326# EARLY. FLUSH W/ 298 BBLs, SCREENED W/ 116.5 BBLs LEFT IN FLUSH, 14,679 # IN WELL BORE.
	13:00 16:00	3.00	STG05	18		N		RD B.J N/D STINGER WELL HEAD PROTECTION, PREP LOCATION FOR COIL TBG UNIT.
	16:00 19:00	3.00	CTU	18		N		MOL W/ IPS COIL TBG UNIT, RIG UP
	19:00 21:00	2.00	CTU	18		N		RIH W/ WASH NOZZLE AND 2" COIL TBG. PUMPING 1/2 BPM CHANGE RATES AT LINER TOP TO 3 BPM, TAG FILL @ 10900' WASH OUT TO CBP CTM @ 12,050', CHANGE RATES TO 3 BPM & 500 SCFS
	21:00 0:00	3.00	CTU	10		N		CIRCULATE WORKING PIPE THROUGH PERFS FOR 2 HOURS POOH TO LINER TOP CHANGE RATES TO 3 BPM AND 1000 SCFS, WORK PIPE AT LINER TOP FOR 1 HOUR
	0:00 2:00	2.00	CTU	39		N		POOH W/ COIL TBG AT 4000' CHANGE RATES TO 2000 SCFS NO WATER. SWI LET COIL BLOW DRY.
	2:00 4:00	2.00	CTU	18		N		RDMOL W/ COIL TBG UNIT.
	4:00 6:00	2.00	STG06	18		N		MOL W/ LONE WOLF WIRE LINE UNIT RIG UP SIH W/ CCL/JB& 3.625 GR
12/22/2011	6:00 6:30	0.50	STG06	28		P		.HELD SAFETY MEETING ON WIRELINE SAFETY AND ARMMING PERF GUNS FILLED OUT JSA
	6:30 8:30	2.00	STG06	21		P		RIH 4.5 CBP & 2-3/4" HSC, 15 GM CHARGES,3 JSPF, 120* PHASING, SET & TEST PLUG @ 11780' PERFORATE 11762' TO 11526', 20 NET FT, 60 HOLES.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:30 10:30	2.00	STG06	16		P		NU STINGER WELLHEAD ISOLATION TOOL, RU BAKERS STAND PIPES.
	10:30 13:00	2.50	STG06	35		P		PRESSURE TEST LINES @ 8700 PSI OPENED UP WELL @ 10:40 W/ 1491 PSI. BREAK DOWN STAGE #6 PERFS 11762'-11526' 60 HOLES. @ 5246 PSI, 12.5 BPM, 90 BBLs. TREATED PERFS W/ 5000 GALS 15% HCL ACID. AVG RATE 36.5 BPM, MAX RATE 67.2 BPM, AVG PRESS 6114 PSI MAX PRESS 7296. I.S.I.P. 4274 PSI F.G. .80, 5 MIN 2684 PSI, 10 MIN 1945 PSI, 15 MIN 1535 PSI. PUMPED 10000 LBS 100 MESH IN 1/2 PPG STAGE AND 106,000 LBS TERRAPROP PRO 20/40. IN 1#, 2# AND 3# STAGES. AVG RATE 70.8 BPM, MAX RATE 71.2 BPM. AVG PRESS 5996, MAX PRESS 7224. I.S.I.P. 5327 PSI F.G. .89, 5 MIN 2862 PSI. 10 MIN 2522 PSI, 15 MIN 2895 PSI. SHUT WELL IN. 3330 BBLs TO RECOVER TURNED WELL OVER TO WIRELINE.
	13:00 14:45	1.75	STG07	21		P		RIH 4.5 CBP & 2-3/4" HSC, 15 GM CHARGES, 3 JSPF, 120* PHASING, SET & TEST PLUG @ 11510' PERFORATE 11474' TO 11263', 20 NET FT, 60 HOLES.
	14:45 16:30	1.75	STG07	35		P		PRESSURE TEST LINES @ 9100 PSI OPENED UP WELL @ 14:45 W/ 88 PSI. BREAK DOWN STAGE #7 PERFS 11474'-11263' 60 HOLES. @ 7962 PSI, 9.6 BPM, 45 BBLs. TREATED PERFS W/ 5000 GALS 15% HCL ACID. AVG RATE 33.6 BPM, MAX RATE 67.2 BPM, AVG PRESS 7275 PSI MAX PRESS 8205. I.S.I.P. 4446 PSI F.G. .82, 5 MIN 3912 PSI, 10 MIN 3600 PSI, 15 MIN 3281 PSI. PUMPED 7000 LBS 100 MESH IN 1/2 PPG STAGE AND 114,695 LBS TERRAPROP PRO 20/40. IN 1#, 2# AND 3# STAGES. AVG RATE 70.3 BPM, MAX RATE 71.4 BPM. AVG PRESS 5591, MAX PRESS 6869. I.S.I.P. 5304 PSI F.G. .90, 5 MIN 5020 PSI. 10 MIN 4778 PSI, 15 MIN 4625 PSI. SHUT WELL IN. 3048 BBLs TO RECOVER.
	16:30 19:30	3.00	RDMO	02		P		RD BAKERS FRAC EQUIPMENT, RD STINGERS ISLATION TOOL SECURED WELL SDFN
12/23/2011	6:00 6:30	0.50	CTU	28		P		CT TGSM & JSA (COIL TBG OPERATIONS)
	6:30 9:00	2.50	CTU	18		P		RU COIL TBG UNIT
	9:00 9:30	0.50	CTU	18		P		MAKE UP COIL CONNECTOR AND PULL TEST TO 25K
	9:30 10:00	0.50	CTU	39		P		MAKE UP ACCSSORY TOOLS AND PRESSURE TEST TO 2500 PSI. MAKE UP MTR, MILL FUNCTION TEST @ 22 BPM @ 1600 PSI, RIH PUMPING 1/4 BPM CHANGE RATES @ LINER TOP TO 2.5 BPM
	10:00 21:00	11.00	CTU	10		P		TAG SAND @ 11,460', CLEAN OUT TO CBP@ 11,477', DRILL UP CBP, TAG SAND @ 11,728', CLEAN OUT TO CBP @ 11,746', DRILL UP CBP, TAG SAND @ 11,770', CLEAN OUT TO CBP@ 12,010', DRILL UP CBP, TAG SAND @ 12,050', CLEAN OUT TO CBP@ 12,300', DRILL UP CBP, TAG SAND @ 12,415', CLEAN OUT TO CBP@ 12,565', DRILL UP CBP, TAG SAND @ 12,786', CLEAN OUT TO CBP@ 12,806', DRILL UP CBP, TAG PBD @ 13,122'. CHANGE RATES TO 2 BPM & 500 SCFS CIRCULATE ON BTM FOR 1.5 HRS STOP @ LINER TOP FOR 1 HR COOH W/ COIL TBG.
	21:00 2:00	5.00	CTU	18		P		RDMOL W/ COIL TBG UNIT
	2:00 6:00	4.00	FB	18		P		THAW WELL HEAD VALVES OPEN AT 2 A.M @ 1900 PSIG FLOWED 0 GAS 0 OIL 65 WATER CURRENTLY 12 CHOKE @ 1800 PSIG
12/24/2011	6:00 6:00	24.00	FB	19		P		TGSM & JSA (CHECKING CHOKES) 131 GAS 102 OIL 252 WTR 14 CHOKE @ 1500 PSIG

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
12/25/2011	6:00 6:00	24.00	FB	19		P		TGSM & JSA (FLOW BACK OPERATIONS) 329 MCF 270 BBLS OIL 179 BBLS WTR CURRENTLY FLOWING ON 16 CHOKE WITH 1100 PSIG
12/26/2011	6:00 6:00	24.00	FB	19		P		TGSM & JSA (FLOW BACK OPERATIONS) 373 MCF 302 BBLS OIL 150 BBLS WTR CURRENTLY FLOWING ON 18 CHOKE WITH 975 PSIG
12/27/2011	6:00 6:00	24.00	FB	19		P		TGSM & JSA (FLOW BACK OPERATIONS) 385 MCF 299 BBLS OIL 144 BBLS WTR CURRENTLY FLOWING ON 18 CHOKE WITH 900 PSIG
12/28/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON WIRELINE AND PINCH POINTS.
	7:30 15:00	7.50	WLWORK	27		P		RU LONE WOLF WIRELINE, RIH W/ 4 1/2 ARROW SET PKR UNABLE TO GET INTO LINER. POOH, RIH W/ 3.625 GR/JB. GOT STUCK @ LINER TOP WORKED FREE. RAN IN LINER TOP 20' GOT STUCK ABLE TO GO DOWN BUT NOT UP. WORKED FREE. WORKED GR/JB IN AND OUT OF LINER TOP SEVERAL TIMES. POOH W/ GR/JB RIH W/ 4-1/2 PKR SET PKR @ 10807'. POOH RD WIRELINE.
	15:00 16:00	1.00	MIRU	01		P		SPOTTED IN STARTED TO RIG UP STABILIZER ARM HUNG UP AND WAS BENT. RD RIG SECURED WELL SDFN.
12/29/2011	6:00 7:30	1.50	MIRU	28		P		CREW TRAVEL HELD SAFETY MEETING. ON RIGGING UP RIG. FILLED OUT JSA.
	7:30 11:00	3.50	MIRU	01		P		FIXED STABILIZER ARM ON RIG, SPOTTED IN CATWALK AND TBG. RU RIG.
	11:00 17:00	6.00	INSTUB	24		P		TALLIED AND PU ON-OFF TOOL, 7-JTS 2 3/8 N-80 EUE TBG, X-OVER, 2 7/8 SN, 253-JTS 2 7/8 L-80 EUE TBG EOT 8131'. SECURED WELL SDFN.
12/30/2011	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL HELD SAFETY MEETING ON PU TBG AND ND BOPS.
	7:30 9:30	2.00	PRDHEQ	24		P		PU 87-JTS 2 7/8 N-80 EUE TBG. LATCHED ONTO PKR @ 10807' RELEASED FROM PKR
	9:30 13:00	3.50	PRDHEQ	06		P		RU PUMP LINES CICR WELL W/ 400 BBLS PKR FLUID.
	13:00 15:30	2.50	PRDHEQ	16		P		ND BOP, LANDED TBG IN 10,000 TENSION NU WELL HEAD PLUMBED IN FLOW LINE.
	15:30 16:00	0.50	PRDHEQ	06		P		PUMPED PLUG OUT @ 3200 PSI. OPENED WELL TO FLOWLINE.
	16:00 6:00	14.00	FB	19		P		1000 PSI 18/64 CHOKE, 158 GAS, 346 OIL (125 BBLS FROM FLOW BACK TANK) 92-BBLS WATER.
12/31/2011	6:00 6:30	0.50	FB	28		P		HELD SAFETY MEETING ON CHECKING LINES FOR WASH OUT FILLED OUT JSA.
	6:30 6:00	23.50	FB	19		P		850 PSI 18/64 CHOKE, 434 GAS, 325 OIL, 122-BBLS WATER.
1/1/2012	6:00 6:30	0.50	FB	28		P		HELD SAFETY MEETING ON FLOW TESTING WELL AND CHECKING FACILITY. FILLED OUT JSA.
	6:30 6:00	23.50	FB	19		P		850 PSI 18/64 CHOKE, 413 GAS, 304 OIL, 103-BBLS WATER.
1/2/2012	6:00 6:30	0.50	FB	28		P		HELD SAFETY MEETING ON FLOW TESTING WELL AND LIGHTING TREATER FILLED OUT JSA.
	6:30 6:00	23.50	FB	19		P		800 PSI 18/64 CHOKE, 411 GAS, 285 OIL, 89-BBLS WATER
1/3/2012	6:00 6:30	0.50	FB	28		P		HELD SAFETY MEETING ON CHECKING CHOKES FOR WASH OUT.
	6:30 6:00	23.50	FB	19		P		750 PSI 18/64 CHOKE, 404 GAS, 286 OIL, 82-BBLS WATER

1/10/2012

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PRESSURE
	7:00 9:00	2.00	WLWORK	22		P		MIRU WIRELINE
	9:00 12:00	3.00	WLWORK	22		P		P/U RUN w SPECTRA SCAN LOGGING TOOL TIE IN AT 10850' START LOGGING DOWN TO 11530' STACK OUT PICK UP 30' TIH FAST ATTEMPT TO GET DEEPER FAILED STACK OUT SAME...PICK UP 50' RIH FASTER ATTEMPT TO GET DEEPER FAILED CONTINUE WORKING UNABLE TO GET PAST 11530' TOH w TOOLS AND L/D
	12:00 13:00	1.00	WLWORK	22		P		P/U 1 1/2" BUMPER AND JAR w WT BAR TAG AT 11524' WL MD PICK UP RUN INTO AT 500 FT/ MIN ATTEMPT TO WORK THROUGH FAILED UNABLE TO GET DEEPER TOH w BUMPER AND JARS L/D/ SAME
1/13/2012	10:00 10:30	0.50	WLWORK	28		P		HSM WRITE AND REVIEW JSA TOPIC; PRESSURE
	10:30 12:30	2.00	WLWORK	32		P		MIRU OPEN PSI 250 ON A 18/64 CHOCK R/U TIH w BLANK BOX BUMPER AND JAR 2- WT BARS TAG AT 11494' WORK TO 13110' SLICK LINE MD CONTINUE WORKING UNABLE TO GET AND DEEPER TOH R/D SLICK LINE TURN WELL OVER TO PRODUCTION FLOWING 250 PSI ON 18/64 CHOCK
1/14/2012	6:00 7:00	1.00	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PRESSURE
	7:00 14:00	7.00	WLWORK	22		P		R/U WIRE LINE TIH RUN SPECTRA SCAN LOG FROM 10900' TO 13117' TOH L/D TOOLS R/D WIRELINE TURN WELL OVER TO PRODUCTION FLOWING 250 PSI ON A 18/64 CHOCK

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: EL PASO 4-21B4	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013505720000	
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: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U	COUNTY: DUCHESNE	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/14/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Initial Completion"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached procedure for details on the initial completion.		
<p>Approved by the Utah Division of Oil, Gas and Mining</p> <p>Date: 12/08/2011 <i>Dark K. Quist</i></p> <p>By: _____</p>		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A	DATE 12/8/2011	

**El Paso 4-21B4
Initial Completion
43013505720000**

The following precautions will be taken until the RCA for the Conover is completed:

1. Review torque turning and running of the 7" and 4 1/2" liner of anomalies.
2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.
3. Test all lubricators, valves and BOP's to working pressure.
4. Wellhead isolation tools will continue to be used to isolate the wellhead during the frac.
5. Monitor the surface casing during frac:
 - a. Lay a flowline to the flow back tank and keep the valve open.
 - b. This line will remain in place until a wire line set retrievable packer is in place isolating the 4 1/2" casing from the 7" after the frac.
6. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.
7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

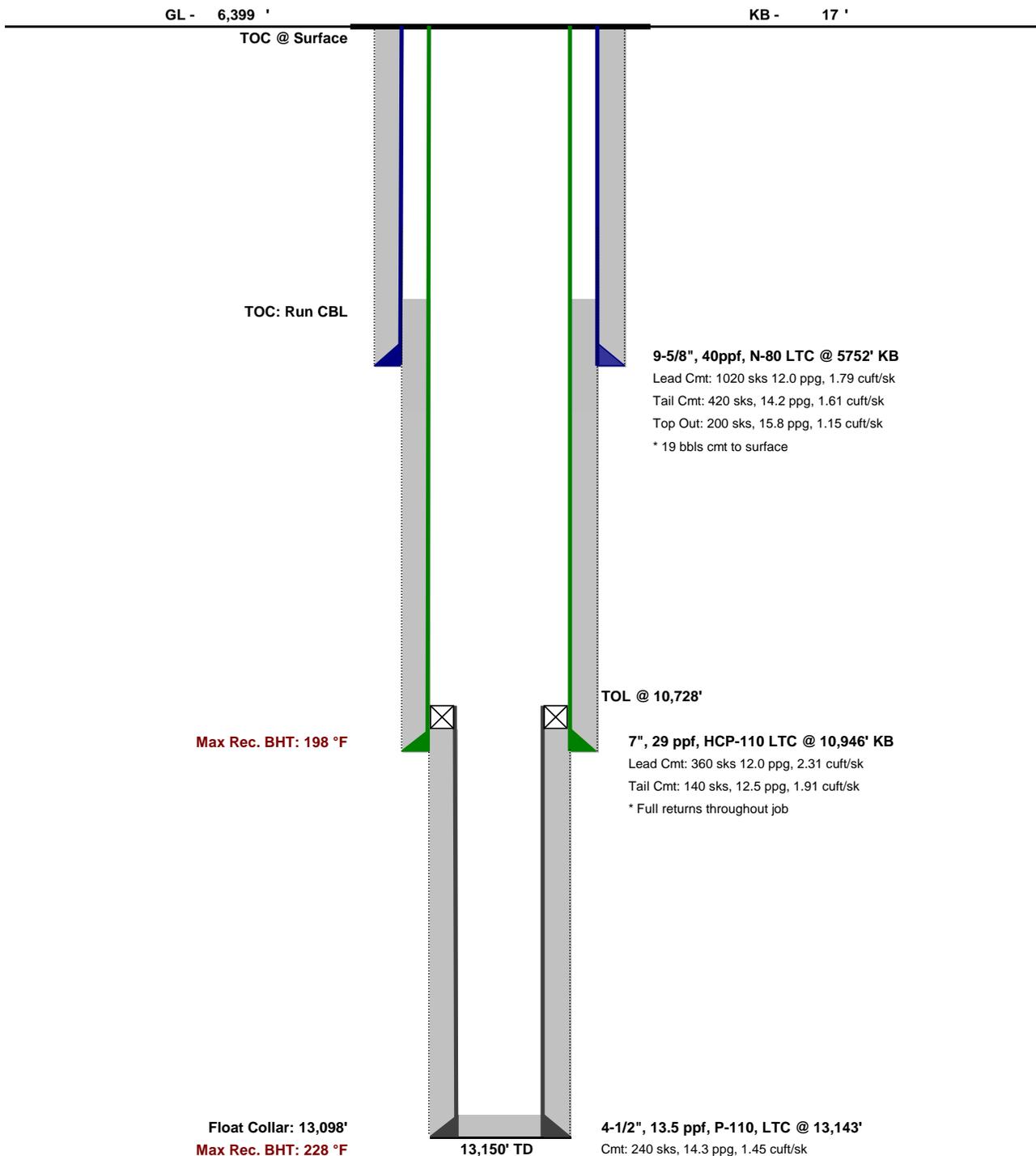
- Stage 1: RU WL unit with 10K lubricator and test to 10000 psi with methanol. Perforate from ~12828' – 13100'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~5500# of 100 mesh sand and ~122500# Inter. Ceramic 20/40.
- Stage 2: RU WL unit with 10K lubricator. Set CBP at 12800'. Perforate from ~12580' – 12782'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~4000# of 100 mesh sand and ~102000# Inter. Ceramic 20/40.
- Stage 3: RU WL unit with 10K lubricator. Set CBP at 12565'. Perforate from ~12355' – 12546'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~4500# of 100 mesh sand and ~106500# Inter. Ceramic 20/40.

- Stage 4: RU WL unit with 10K lubricator. Set CBP at 12310'. Perforate from ~12042' – 12288'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~11000# of 100 mesh sand and ~152000# Inter. Ceramic 20/40.
- Stage 5: RU WL unit with 10K lubricator. Set CBP at 12030'. Perforate from ~11800' – 12017'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~8000# of 100 mesh sand and ~132000# Inter. Ceramic 20/40.
- Stage 6: RU WL unit with 10K lubricator. Set CBP at 11785'. Perforate from ~11538' – 11772'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~8000# of 100 mesh sand and ~132000# Inter. Ceramic 20/40.
- Stage 7: RU WL unit with 10K lubricator. Set CBP at 11510'. Perforate from ~11289' – 11488'. Stimulate perforations with ~5000 gallons of 15% HCL acid, ~7500# of 100 mesh sand and ~112000# Inter. Ceramic 20/40.



Pre-Completion Wellbore Diagram

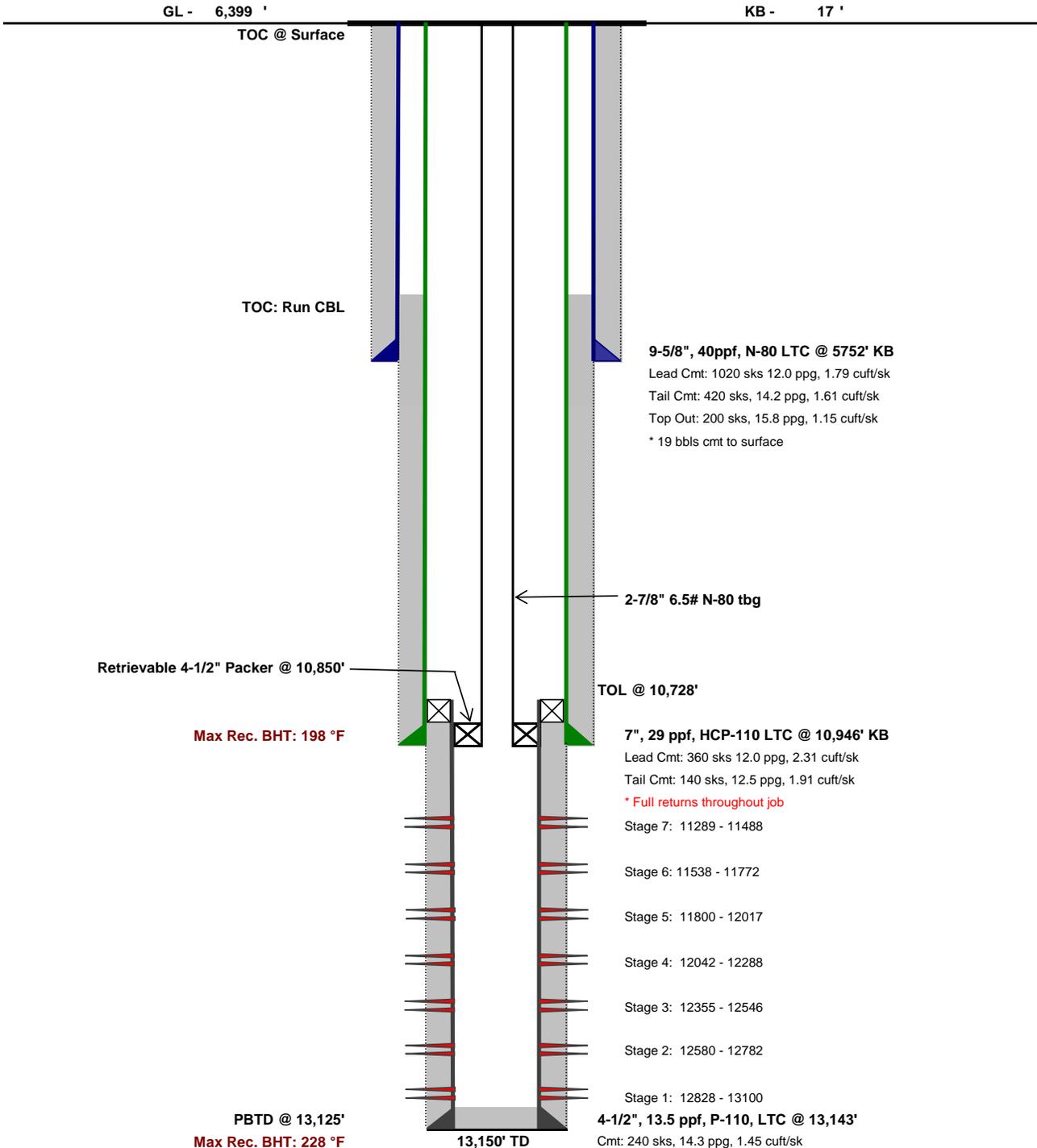
Well Name	El Paso 4-21B4	Date	December 7, 2011
Field	Altamont	TD	13,150
County	Duchesne	State	Utah
Property #		API	43-013-50572
Partners	NRI	WI	
Formation	Wasatch	Crude	Yellow Wax
Surface Location	1197' FSL 1608' FEL SWSE Section 21 T2S-R4W		
Artificial Lift Method		PBTD	13,098'
Open Perfs - Top	Bottom	Total Number of Holes	
Known Problems			





Post-Completion Wellbore Diagram

Well Name	El Paso 4-21B4		Date	December 7, 2011
Field	Altamont		TD	13,150
County	Duchesne		State	Utah
Property #			API	43-013-50572
Partners	NRI		WI	
Formation	Wasatch	Crude	Yellow Wax	BHL Vertical
Surface Location	1197' FSL 1608' FEL SWSE Section 21 T2S-R4W			
Artificial Lift Method	Flowing up tbg		PBTD	13,125'
Open Perfs - Top	11,289	Bottom	13,100	Total Number of Holes
Known Problems	426			



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

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- (R649-9-2)Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- 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:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

- (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

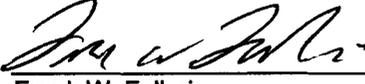
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

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)

RECEIVED

JUN 25 2012

APPROVED 6/29/2012

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well	7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	8. WELL NAME and NUMBER: EL PASO 4-21B4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	9. API NUMBER: 43013505720000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

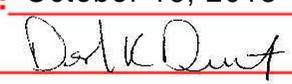
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/16/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Set CIBP @ ~11258' with 10' of cement on top and add perforations to the Wasatch. See attached for details.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 16, 2013

By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 10/16/2013	

El Paso 4-21B4 Summary Procedure

- POOH w/Rods & pump, Release anchor, POOH w/tubing string
- Circulate & Clean wellbore
- RIH with 4 1/2" CBP, set plug at ~11,258', dump bail 10' cement on top
- Perforate new UW interval from ~10,940' – 11,226'
- Prop Frac perforations with 75,000 lbs of 30/50 Resin Coated sand
- RIH with 4 1/2" CBP, set plug at ~10,930'
- Perforate new UW interval from ~10,747' – 10,919'
- Prop Frac perforations with 75,000 lbs of 30/50 Resin Coated sand
- RIH with 4 1/2" CBP, set plug at ~10,742'
- Perforate new UW interval from ~10,249' – 10,424'
- Acidize perforations with 15,000 gals of 15% HCL
- Clean out well drilling up 4 1/2" CBP at ~10,742' and ~10,930', leaving CBP w/ 10' cmt @~11,258'
- RIH w/tubing, pump & rods
- Clean location and resume production, leaving CBP @ ~11,258' (this may be drilled up at a later date and commingled).



Proposed Pumping Schematic as of 10-4-13

Company Name: EP Energy
 Well Name: El Paso 4-21B4
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: _____
 Producing Zone(s): Wasatch
 Pumping Unit: Rotaflex 1100; Well deviation restricted pump size to 1-1/2" at 10,500' setting depth for acceptable rod loading

Last Updated: 10/4/2013
 By: Matt Thuesen
 TD: 13,150'
 BHL: _____
 Elevation: _____

-315 Jts 2-7/8" 6.5# N-80 8rd Tubing

← **TOC @ ~4,410'**

9-5/8" 40# N-80 LTC @ 5,752'

ROD DETAIL
 1-1/2" x 40' Polished Rod
 ~120 (3,000') - 1" EL Rods
 114 (2,850') - 7/8" EL Rods
 160 (4,000') - 3/4" EL Rods
 10 (250') - 1 1/2" Sinker "K" Bars
 2 1/2" x 1-3/4" x 38' Insert Pump
 1-1/2" x 20' Gas Anchor/Stinger

Tubing Anchor @ ~9,975'
4 jts 2-7/8" 6.5# N-80 8rd Tubing
Seating Nipple @ ~10,100'
2' x 2 7/8" Tubing Sub
4 1/2" x 33' PBGA Shell
2 jt 2-7/8" Mud Anchor
Bull Plug/No-Go Nipple
EOT @ ~10,200'

UW & LGR Recom Perfs - Oct '13
 10,514' - 10,700' (16'/48 holes)
 10,747' - 10,919' (21'/63 holes)
 10,940' - 11,226' (19'/57 holes)

TOL @ 10,717'

7" 29# HCP-110 LTC @ 10,946'
Drift I.D. - 6.059"

Initial Completion Perfs - Dec '11
Stage 7: 11,263' - 11,474'
Stage 6: 11,526' - 11,762'
Stage 5: 11,793' - 12,011'
Stage 4: 12,036' - 12,285'
Stage 3: 12,352' - 12,546'
Stage 2: 12,581' - 12,785'
Stage 1: 12,830' - 13,102'

CBP @11,158' w/ 10' cmt

PBTD @ 13,125'

4-1/2" 13.5# P-110 LTC @ 13,143'
Drift ID - 3.795"

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
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	8. WELL NAME and NUMBER: EL PASO 4-21B4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U	9. API NUMBER: 43013505720000
5. PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/1/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Set CBP @ 11258' with 10' cement on top. Perforated 10941'-11226', acidized with 5000 gal 15% HCL and prop frac'd with 75240# 30/50 resin. Perforated 10747'-10919', acidized with 5000 gal 15% HCL and prop frac'd with 74840# 30/50 resin. Perforated 10514'-10700' and acidized with 15000 gals of 15% HCL. Returned well back to production.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 January 14, 2014**

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 1/14/2014	

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:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: EL PASO 4-21B4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013505720000
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/12/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="DO Plug"/>

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

Drilled out cement @11265' and plug. See attached for details.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**
June 16, 2014

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 6/3/2014	

CENTRAL DIVISION

ALTAMONT FIELD
EL PASO 4-21B4
EL PASO 4-21B4
RECOMPLETE LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-21B4		
Project	ALTAMONT FIELD	Site	EL PASO 4-21B4
Rig Name/No.		Event	RECOMPLETE LAND
Start date	10/16/2013	End date	11/2/2013
Spud Date/Time	10/21/2011	UWI	SUNDANCE WEST 4-21 B4
Active datum	KB @6,416.0ft (above Mean Sea Level)		
Afe No./Description	162046/50035 / EL PASO 4-21B4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
10/17/2013	12:00 18:00	6.00	MIRU	01		P		MI REPAIR PAD INFRONT OF CELLAR RING RIG UP
	18:00 19:00	1.00	PRDHEQ	18		P		WORK PUMP OFF SEAT FLUSH RODS AND TBG
10/18/2013	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (POOH W/ RODS)
	7:30 11:30	4.00	PRDHEQ	39		P		FLUSH TBG W/ 60 BBLs, PUMP DRAGGING WORKING THROUGH COLLARS, POOH W/ 57 1", 121 7/8", 218 3/4", 10 1 1/2" WT BARS, PULL ROD
	11:30 14:30	3.00	PRDHEQ	16		P		C/O TO TBG EQUIPMENT, TEMPORARY LAND TBG W/ 6' PUP, NU TESTED BOPE, RU WORK FLOOR AND PRS SCANNING EQUIPMENT
	14:30 18:00	3.50	PRDHEQ	39		P		RELEASE TAC POOH SCANNING 179 JTS 2 7/8" 8RD EUE TBG RD SCANNERS SWIFWE CSDFW 190 TTL BBLs PUMPED
10/19/2013	6:00 18:00	12.00	PRDHEQ	18		N		NO ACTIVITY SHUT DOWN FOR WEEK END
10/20/2013	6:00 6:00	24.00	PRDHEQ	18		P		NO ACTIVITY SHUT DOWN FOR WEEK END
10/21/2013	6:00 6:00	24.00	PRDHEQ	18		P		NO ACTIVITY SHUT DOWN FOR WEEKEND
10/22/2013	6:00 7:30	1.50	PRDHEQ	28		P		TGSM & JSA (SCANNING TBG)
	7:30 11:00	3.50	PRDHEQ	39		P		RU SCANNERS, COOH SCANNING TBG (FLUSHING AS NEEDED) 148 JTS, TAC, 4 JTS, L/D BHA. 126 YELLOW, 10 BLUE, 16 RED.
	11:00 14:00	3.00	WLWORK	27		P		MIRU WIRE LINE UNIT, SET CBP @ 11,258' MAKE 1 DUMP BAILER RUN (10') RD WIRE LINE
	14:00 16:00	2.00	STG01	18		P		FILL & TEST CASING W/ 230 BBLs DRAIN PUMP LINES SWIFN CSDFN CT
10/23/2013	6:00 7:30	1.50	MIRU	28		P		CT TGSM & JSA (ND AND NU PROCEDURES)
	7:30 16:30	9.00	MIRU	01		P		ND BOPE NU AND TEST FRAC STACK TO 10K, TEST CASING TO 7K RELEASE RIG CREW
	16:30 18:00	1.50	MIRU	01		P		MI SPOT WEATHERFORD FRAC EQUIPMENT, PARTIAL RU
10/24/2013	6:00 7:30	1.50	STG01	28		P		TGSM & JSA (STAGE FRAC OPERATIONS)
	7:30 10:30	3.00	STG01	21		P		RU PERFORATORS, RIH W/ 2 3/4" HSC GUNS 3 JSPF, PERFORATE 11,226' TO 10,941' (19 NET FT, 57 HOLES) W/ 1000 PSIG SURFACE PRESSURE NO CHANGES. POOH W/ WIRE LINE
	10:30 14:30	4.00	MIRU	01		P		FINISH RU WEATHERFORD FRAC EQUIPMENT PRESSURE TEST TO 8500 PSIG.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:30 15:30	1.00	STG01	35		P		BREAK DOWN STAGE 1 W/ 30 BBLS @ 3600 PSIG @ 10 BPM, ISDP 3000 PSIG 5/ 1997, 10/ 883 START PUMPING ACID HYDRAULIC PUMP WENT OUT OF HYDRATION UNIT, BACK FLUSH LINES SHUT WELL IN, RELEASE RIG CREW.
10/25/2013	6:00 7:00	1.00	STG01	28		P		CT TGSM & JSA (FRAC OPERATIONS)
	7:00 9:00	2.00	STG01	35		P		PRESSURE TEST LINES AND EQUIPMENT TO 8500 PSIG.SIP VAC. LOAD W/ 90 BBLS, TREAT W/ 5000 GAL 15% HCL, 3400# 100 MESH IN 1/2 PPG STAGE & 75,240 # 30/50 IN .5,1# FR WATER STAGE AND 2,3# IN DYNA FRAC STAGES, ISDP 3873 F.G .78, AVE RATE 73 BPM @ 4997, MAX RATE 77 BPM @ 6191 PSIG, 2691 BBLS TO RECOVER, SWI TOT WIRE LINE
	9:00 10:00	1.00	STG02	26		P		RIH SET CBP @ 10,930 GUN SHORTED
	10:00 11:30	1.50	WLWORK	55		N		POOH REPARI RIH W/ GUN
	11:30 14:30	3.00	STG02	21		P		RIH W/ 2 CONSECUTIVE 2 3/4" HSC GUNS LOADED 3 JSPF W/ 15 GM CHRGES, PERFORATE 10919 TO 10747 POOH SWI TOT FRAC CREW
	14:30 16:00	1.50	STG02	35		P		PRESSURE TEST LINES AND EQUIPMENT TO 8500 PSIG.SIP 579. BREAK DOWN @ 4671 @ 13 BPM ISDP 3827 5 AT 1420, TREAT W/ 5000 GAL 15% HCL, 3400# 100 MESH IN 1/2 PPG STAGE & 74840 # 30/50 IN .5,1# FR WATER STAGE AND 2,3# IN DYNA FRAC STAGES, ISDP 4034 F.G .8, AVE RATE 64 BPM @ 5597, MAX RATE 81 BPM @ 6734 PSIG, 2638 BBLS TO RECOVER, SWI TOT WIRE LINE
	16:00 19:00	3.00	STG03	21		P		RIH W/ 2 3/4" HSC W/ PLUG SET AND TEST @ 10,742' PERFORATE 10,700' TO 10,514' SWI RDMOL W/ THE PERFORATORS
10/26/2013	6:00 8:00	2.00	STG03	28		P		CT TGSM & JSA (FRAC OPERATIONS)
	8:00 8:30	0.50	STG03	35		P		PRESSURE TEST LINES AND EQUIPMENT TO 8500 PSIG, SIP @ 2400 PSIG, BREAK DOW STAGE 3 W/ 30 BBLS, @ 4810 PUMPING 10 BPM, ISDP @ 3709, F.G .78, 5 MIN 3272
	8:30 9:00	0.50	STG03	35		P		ACIDIZE PERFS W/ 7500 GAL 15% HCL, DROP 90 BIO BALLS, CONTINUE ACIDIZE W/ 7500 GAL 15% HCL W/ 10 GPT CITRIC ACID, FLUSH 10 OVER BTM PERF, ISDP @ 3616, F.G @ .77, AVE RATE 37 BPM @ 4743, MAX RATE 41 BPM @ 6852, SWI
	9:00 12:00	3.00	RDMO	02		P		RDMOL W/ WEATHERFORD FRAC EQUIPMENT, ND FRAC STACK TO FRAC VALVE INSTALL NIGHT CAP
	12:00 15:00	3.00	FB	23		P		OPEN ON 16/64 @ 700 PSIG WELL FLOWED 44 BBLS TO 0 PSIG , SWI
10/27/2013	6:00 6:00	24.00	FB	18		P		SHUT DOWN FOR WEEK END
10/28/2013	6:00 6:00	24.00	FB	18		P		SHUT DOWN FOR WEEK END
10/29/2013	6:00 7:30	1.50	INSTUB	28		P		CT TGSM & JSA (NU PROCEDURES)
	7:30 10:30	3.00	INSTUB	16		P		ND FRAC VALVE, NU TESTED BOPE & HYDRILL
	10:30 18:00	7.50	INSTUB	39		P		RU HYDRO TESTER, PUMU & RIH W/ 3 3/4" BIT, BIT SUB, 1 JT 2 3/8", X/N NIPPLE, 19 JTS 2 3/8", (ALL YELLOW BAND WORK STRING THAT JUST BACK FROM PRS) X/O, 20 NEW JTS 2 7/8" 8RD EUE TBG, START TESTING 230 JTS TBG EOT @ 8440'. PULL TOOLS SHUT WELL IN, CREW SHUT DOWN FOR NIGHT
10/30/2013	6:00 7:30	1.50	INSTUB	28		P		CT TGSM & JSA (DRILLING UP CBP'S)
	7:30 10:30	3.00	INSTUB	39		P		CIH HYDRO TESTING 73 JTS PRODUCTION TBG RDMOL W/ TESTING UNIT

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	10:30 19:30	9.00	INSTUB	40		P		CIH W/ NEW TBG TAG W/ JT# 325 @ 10,742' RU SWIVEL, BREAK CIRCULATION, DRILL UP CBP TOOK 400# KICK CIRCULATE CLEAN, SPOT 15 BBLs BRINE DOWN TBG, CIH TAG SAND @ 10,915' W/ JT# 331 CLEAN OUT SAND TO PLUG @ 10,930' DRILL UP PLUG TEMPORARLY LOST CIRCULATION, REGAIN W/ 75 BBLs, CIH TAG SAND W/ JT # 335 @ 11,055 PU CIRCULATE CLEAN RD POWER SWIVEL POOH W/ 20 JTS EOT @ 10,403' SWI DRAIN PUMP AND LINES CREW SHUT DOWN FOR DAY CT
10/31/2013	6:00 7:30	1.50	INSTUB	28		P		CT TGSM & JSA (CIRCULATING SAND)
	7:30 15:30	8.00	INSTUB	40		P		TSIP VAC CSIP50 PSIG, OPEN WELL, RIH TAG SAND W/ JT # 335 @ 11,055, RU POWER SWIVEL, BREAK CIRCULATION W/ 345 BBLs, CIRCULATE OUT SAND TO CEMENT TOP @ @ 11,248' W/ JT # 341CIRCULATE CLEAN, RD POWER SWIVEL
	15:30 18:00	2.50	PRDHEQ	39		P		LAY DOWN 15 JTS 2 7/8" 8RD EUE TBG, COOH W/ 240 JTS 2-7/8" 8RD EUE TBG EOT @ 3325' SHUT WELL IN FOR NIGHT, DRAIN UP PUMP AND RETURN LINES, CREW SHUT DOWN FOR DAY
11/1/2013	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (POOH W/ TBG)
	7:30 9:30	2.00	PRDHEQ	39		P		TSIP VAC, CSIP 50 PSIG, OPEN WELL, COOH W/ 86 JTS 2-7/8" 8RD EUE TBG, X/O TO 2 3/8" 8RD EUE, 19 JTS, X/N NIPPLE, 1 JT, BIT SUB & BIT
	9:30 14:30	5.00	INSTUB	39		P		PUMU & RIH W/ 5 3/4" SOLID NO GO, 2 JTS, 4 1/2" PBGA SHELL, 2' PUP, +45 PSN, 4' PUP, 4 JTS, 7" TRIPLE H TAC, 320 JTS 2 7/8" 8RD EUE TBG, 6' PUP HANGER, SET TAC @ 9986', PSN @ 10,122', EOT @ 10,220'. TEMPORARY LAND TBG.
	14:30 16:30	2.00	INSTUB	16		P		RD WORK FLOOR, ND BOPE & HYDRILL, RE LAND TBG W/ 25K TENSION, C/O TO ROD EQUIPMENT, FLUSH TBG W/ 10 GAL BAKER COR INH, W/ 65 BBLs KCL
	16:30 19:00	2.50	INARTLT	39		P		PU PRIME MU & RIH W/ DIP TUBE, 2-1/2" X 1 3/4" X 38' WALS RHBC, 10 1 1/2" WT BARS, 161 3/4" PU P ROD SHUT WELL IN, CREW SHUT DOWN CT
11/2/2013	6:00 7:30	1.50	INARTLT	28		P		CT TGSM & JSA (LAYING DOWN RODS)
	7:30 12:00	4.50	INARTLT	39		P		L/D P ROD AND 46 3/4", CIH W/ 43 3/4", 121 7/8", L/D 7, CIH W/ 58 1", PU 58 NEW 1", SPACE OUT W/ 2 8', 2' X 1" & 1-1/2" X 40' P ROD
	12:00 13:30	1.50	INARTLT	06		P		FILL AND TEST TBG W/ 15 BBLs, L/S TO 1000 PSIG GOOD TEST W/ GOOD PUMP ACTION RD SLIDE UNIT RETURN WELL TO PRODUCTION.
	13:30 14:30	1.00	RDMO	02		P		ROAD RIG TO 4-15 B4 SHUT DOWN FOR WEEK END
3/1/2014	12:30 14:30	2.00	MIRU	01		P		MOVE FROM 3-27B4 TO 4-21B4, SLIDE ROTAFLEX BACK, MIRU, PUMP 60 BBLs DOWN CSG, BLEED OFF TBG
	14:30 18:00	3.50	PRDHEQ	18		P		WORK RODS TRYING TO UNSEAT PUMP, HOTOILER PUMPING DOWN CSG. W/ 200 BBLs HOT 2%, COULDN'T GET PUMP OFF SEAT, SECURE WELL, SDFW
3/2/2014	6:00 6:00	24.00	PRDHEQ	18		P		NO ACTIVITY, SDFW
3/3/2014	6:00 6:00	24.00	PRDHEQ	18		P		NO ACTIVITY SDFW
3/4/2014	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL, HSM, WRITE & REVIEW JSA (TOPIC) JACKS HOTOILER PUMPED 100 BBLs DOWN CSG
	7:00 11:00	4.00	PRDHEQ	39		P		BACK OFF RODS, POOH W/ 114-1", 116- 7/8" & 1 3/4" RODS, STEAM OFF ROD EQUIP. & WELLHEAD, CHANGE OVER TO TBG EQUIPMENT
	11:00 12:00	1.00	WLWORK	21		P		R/U THE PERFORATORS, RIH PERF TBG @ 5817' 4 SHOTS, POOH, R/D WIRELINERS

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	12:00 14:30	2.50	PRDHEQ	16		P		N.D. WELLHEAD, P/U ON TBG PUT 6' SUB UNDER HANGER, N/U 10K X 5K SPOOL & 5K BOP'S, R/U FLOOR & TONG'S, WORK TBG TO GET 7" TAC TO RELEASE
	14:30 18:00	3.50	PRDHEQ	39		P		POOH SLOW TAC HANGING UP ON CSG. COLLARS, POOH W/ 78 JTS 2 7/8" TBG, SECURE WELL SDFN EOT @ 7789'
3/5/2014	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) OVER HEAD LOADS
	7:00 12:00	5.00	PRDHEQ	39		P		BLEED OFF CSG., CONTINUE POOH W/ 110 JTS 2 7/8" TO RODS, X-O TO ROD EQUIP., RODS WERE ALREADY BACKED OFF, POOH W/ 53-3/4" RODS, X-O TO TBG EQUIP., POOH W/ 43 JTS 2 7/8" TBG, X-O TO ROD EQUIP.
	12:00 16:30	4.50	PRDHEQ	39		P		BACK OFF RODS, POOH W/ 106-3/4" & L/D 4-1 1/2" K-BARS, X-O TO TBG EQUIP., POOH W/ 89 JTS 2 7/8" TBG 7" TAC, FINISH STRIPPING OUT W/ 6 K-BARS, 2 1/2" X 1 3/4" X 38' PUMP & 4 JTS 2 7/8" TBG, L/D BHA, STEAM OFF FLOOR & BOP'S
	16:30 19:00	2.50	PRDHEQ	39		P		X-O TO 2 3/8" TBG EQUIP., R/U PICK UP LINE, P/U 3 3/4" BIT, BIT SUB & 34 JTS 2 3/8" TBG, SECURE WELL, SDFN, EOT @ 1,075'
3/6/2014	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) CHAINS & SLINGS
	7:00 13:45	6.75	PRDHEQ	39		P		BLEED OFF CSG & TBG, P/U 46 JTS 2 3/8" TBG, X-O TO 2 7/8", RIH TALLEY 2 7/8" TBG W/ 281 JTS, TAG FILL @ 11,276'
	13:45 15:00	1.25	PRDHEQ	18		P		R/U POWER SWIVEL & PUMP LINES,
	15:00 19:00	4.00	PRDHEQ	10		P		PUMP 580 BBLS COULDN'T GET CIRCULATION, R/D SWIVEL, POOH W/ 21 JTS 2 7/8" TBG, SECURE WELL, SDFN, EOT @ 10,687'
3/7/2014	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) PUMP & MUD SYSTEMS
	7:00 12:30	5.50	PRDHEQ	39		P		BLEED OFF WELL, POOH W/ 262 JTS 2 7/8", X-O TO 2 3/8", 80 JTS 2 3/8", BIT SUB & 3 3/4" BIT
	12:30 16:30	4.00	PRDHEQ	39		P		P/U 3 3/4" BIT, BIT SUB, CHECK VALVE, 6' 2 3/8" TBG SUB, CHECK VALVE, 20 JTS 2 3/8", SAFETY JT, 3 3/16" BAILER, CHECK VALVE, DRAIN SUB, 60 JTS 2 3/8" TBG, X-O TO 2 7/8", CONTINUE RIH W/ 274 JTS 2 7/8" TBG, SECURE WELL, SDFD EOT @ 10,686'.
3/8/2014	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL, HSM, WRITE & REVIEW JSA (TOPIC) CHANGE SLINGS & RIGGINGS
	7:00 9:00	2.00	PRDHEQ	39		P		BLEED OFF WELL, RIH W/ 22 JTS, TAG FILL @ 11,279', R/U POWER SWIVEL & PUMP LINES, PUMP 50 BBLS DOWN CSG
	9:00 14:30	5.50	PRDHEQ	04		P		START CLEAN OUT FILL, PUMPING 2 BBLS MIN. DOWN CSG. WHILE BAILING, CLEAN OUT 14' SAND, DRILL UP 10' CEMENT & 4 1/2" CBP, PUSH PLUG TO 13,122', BTM. PERF. @ 13,102', PBTD WAS 13,125'
	14:30 18:00	3.50	PRDHEQ	39		P		POOH W/ 284 JTS 2 7/8" TBG, EOT @ 4,441', SECURE WELL, SDFW.
3/9/2014	6:00 6:00	23.00	PRDHEQ	18		P		NO ACTIVITY, SDFW
3/10/2014	6:00 6:00	24.00	PRDHEQ	18		P		NO ACTIVITY, SDFW
3/11/2014	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) CONFINED SPACES
	7:00 11:30	4.50	PRDHEQ	39		P		BLEED OFF WELL, POOH W/ 68 JTS 2 7/8" TBG, X-O TO 2 3/8", L/D 60 JTS 2 3/8", BAILER, CHECK VALVE, 20 JTS 2 3/8", CHECK VALVE, 6' TBG SUB & 3 3/4" BIT, BTM. 3 JTS WERE PLUGGED W/ SAND & CEMENT, CHANGE OVER TO 2 7/8" TBG EQUIPMENT.
	11:30 15:30	4.00	PRDHEQ	39		P		P/U BHA 5 3/4" SOLID NO/GO, 2 JTS 2 7/8" TBG, 4 1/2" PBGA W/ 15' DIP TUBE, 2' 2 7/8" TBG SUB, 2 7/8" PSN & 4' 2 7/8" TBG SUB, RIH W/ 4 JTS 2 7/8" TBG, 7" WHFD TAC, 335 JTS 2 7/8" TBG, SET TAC @ 10,491'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	15:30 18:30	3.00	PRDHEQ	16		P		R/D TONGS & FLOOR, N/D BOP'S, LAND TBG IN 22,000 LBS TENSION, N/U PUMP TEE & FLOW LINES, SECURE WELL, CHANGE OVER TO ROD EQUIPMENT, SDFN
3/12/2014	7:00 8:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) PINCH POINTS
	8:00 9:00	1.00	PRDHEQ	18		N		WHILE PRIMING PUMP, RIG BRAKES WERE MAKING STRANGE NOISE, INSPECT BRAKES, BRAKES WERE WORN DOWN TO METAL
	9:00 14:00	5.00	PRDHEQ	18		N		SHUT DOWN RIG, CHANGE OUT BRAKE PADS ON MAIN DRUM OF RIG
	14:00 18:30	4.50	PRDHEQ	39		P		P/U PRIME 2 1/2" X 1 1/2" X 38' PUMP, P/U 13-1 1/2" K-BARS, RIH W/ 155-3/4" RODS, POOH L/D TOP 82-3/4" FOR PITTING & SCALE, P/U 87 NEW GUIDED 3/4" RODS, SECURE WELL, SDFD
3/13/2014	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) TANK GAUGING
	7:00 10:45	3.75	PRDHEQ	39		P		RIH W/ 114-7/8", P/U 20 NEW 7/8", CONTINUE RIH W/ 112-1" RODS, SPACE OUT RODS W/ 2-2' X 1" SUBS, P/U POLISH ROD SEAT PUMP @ 10,629'
	10:45 11:30	0.75	PRDHEQ	18		P		R/U HOTOILER, FILL W/ 35 BBLs, STROKE TEST TO 1000 PSI, GOOD TEST, PUMP 20 BBLs ACROSS FLOW LINE
	11:30 13:00	1.50	PRDHEQ	18		P		R/D RIG, SLIDE ROTAFLEX AHEAD, HANG OFF RODS, TURN WELL OVER TO OPERATOR, MOVE OFF

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well	7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	8. WELL NAME and NUMBER: EL PASO 4-21B4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	9. API NUMBER: 43013505720000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/13/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Recomplete well to LGR. Set CBP's @ ~10505' & ~10500' with 5' cmt on top. Perforate ~10243'-10487' & treat with 20000 gal acid. Perforate ~9951'-10198' & treat with 20000 gals acid. Perforate ~9712'-9886' & treat with 20000 gals acid. Perforate ~9415'-9670' & treat with 20000 gals acid. New PBTD will be ~10495'. See attached for details.

Approved by the
 Feb Davis, 05, 2015
 Oil, Gas and Mining

Date: _____

By: D. K. Duff

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 1/27/2015	

El Paso 4-21B4 Recom Summary Procedure

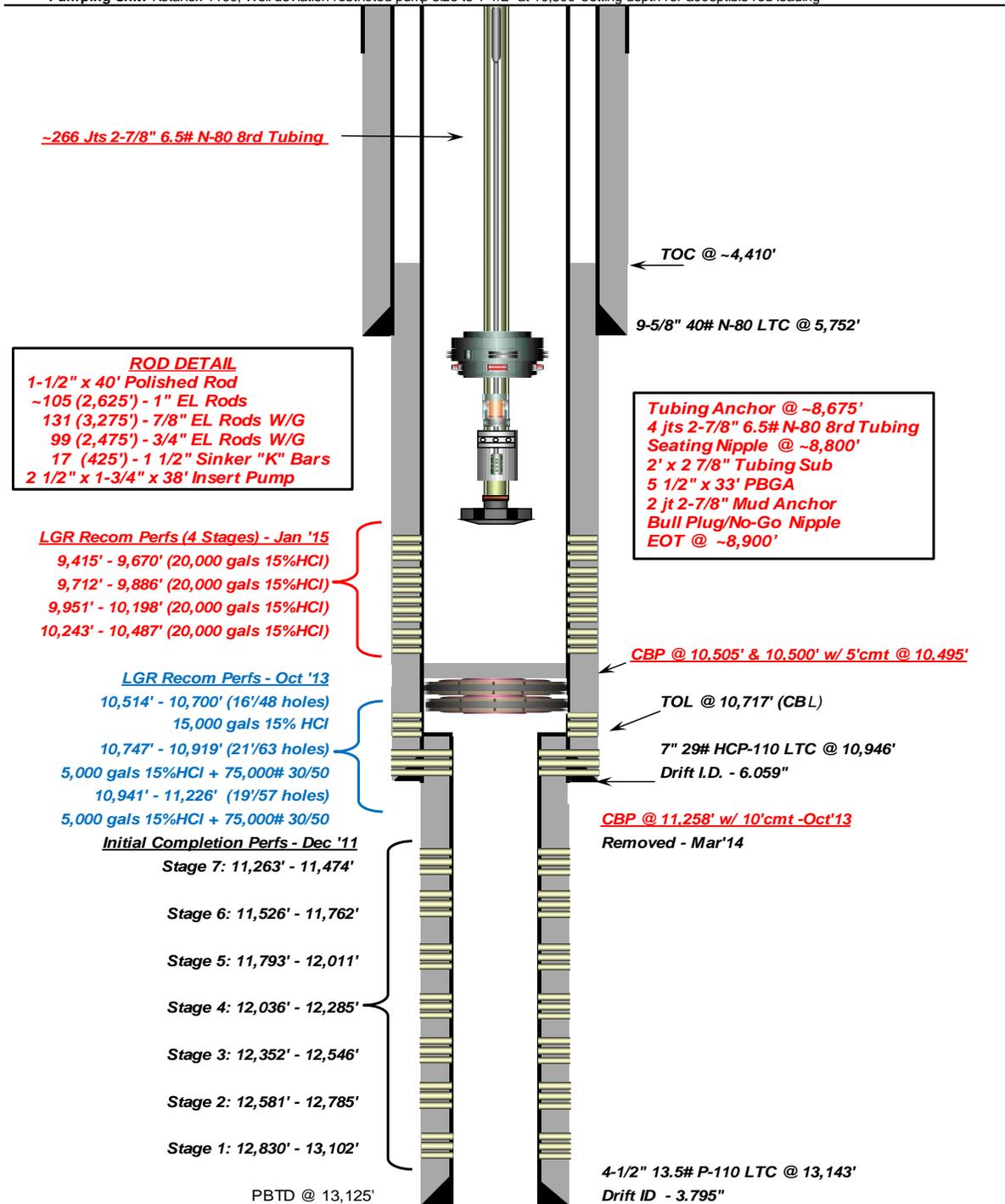
Ver 1

- POOH with rods, pump and tubing string inspect/Repair/Replace any bad tubing as needed and to bring in working condition and put back on Rack.
- Circulate & Clean wellbore.
- RIH with CBP, set plug at ~10,505' set 2nd plug at ~ 10,500' dump bail 5' cement on top (new PBTD with Cement @ 10,495')
- Stage 1:
 - Perforate new LGR interval from ~10,243' – 10,487'
 - Acid frac perforations with 20,000 Gal (STAGE 1 Recom)
- Stage 2:
 - RIH with CBP, set plug at ~10,208'.
 - Perforate new LGR interval from ~9,951' – 10,198'
 - Acid frac perforations with 20,000 Gal (STAGE 2 Recom)
- Stage 3:
 - RIH with CBP, set plug at ~9,896'.
 - Perforate new LGR interval from ~9,712' – 9,886'
 - Acid frac perforations with 20,000 Gal (STAGE 3 Recom)
- Stage 4:
 - RIH with CBP, set plug at ~9,680'.
 - Perforate new LGR interval from ~9,415' – 9,670'
 - Acid frac perforations with 20,000 Gal (STAGE 4 Recom)
- Clean out well drilling up CBP at 10,230', 9,900', & 9,700'.
- Make a clean out run to ~10,495'. (This is the new PBTD)
- RIH w/tubing, Rod pump and equipment.
- Clean location and resume production.



2015 LGR Recom Proposed Pumping Schematic

Company Name: <u>EP Energy</u>	Last Updated: <u>1/27/2015</u>
Well Name: <u>EI Paso 4-21B4</u>	By: <u>Tomova</u>
Field, County, State: <u>Altamont - Bluebell, Duchesne, Utah</u>	TD: <u>13,150'</u>
Surface Location: _____	BHL: _____
Producing Zone(s): <u>Wasatch</u>	Elevation: _____
Pumping Unit: Rotaflex 1100; Well deviation restricted pump size to 1-1/2" at 10,500' setting depth for acceptable rod loading	



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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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:

3. ADDRESS OF OPERATOR: CITY _____ STATE _____ ZIP _____ PHONE NUMBER: _____

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDED: _____ 15. DATE T.D. REACHED: _____ 16. DATE COMPLETED: _____ ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL):

18. TOTAL DEPTH: MD _____ TVD _____ 19. PLUG BACK T.D.: MD _____ TVD _____ 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) _____ 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

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: 9712'-9886' 20000 gal 15% HCL Acid
9415'-9670' 20000 gal 15% HCL Acid
 ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:

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:
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 B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

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) _____ TITLE _____
 SIGNATURE _____ DATE _____

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 Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

CENTRAL DIVISION

ALTAMONT FIELD
EL PASO 4-21B4
EL PASO 4-21B4
RECOMPLETE LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-21B4		
Project	ALTAMONT FIELD	Site	EL PASO 4-21B4
Rig Name/No.		Event	RECOMPLETE LAND
Start date	2/3/2015	End date	2/16/2015
Spud Date/Time	10/21/2011	UWI	SUNDANCE WEST 4-21 B4
Active datum	KB @6,416.0ft (above Mean Sea Level)		
Afe No./Description	164395/53302 / EL PASO 4-21B4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
2/5/2015	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON STAYING OUT FROM UNDER OVER HEAD LOADS, WRITE & REVIEW JSA'S, WHILE PUMPING 60 BBLs DWN CSG W/ HOT OILER
	7:30 11:30	4.00	WOR	39		P		LD 1-1/2" X 40' POLISH ROD & ROD SUBS, WORK PUMP OFF SEAT, FLUSH RODS W/ 60 BBLs 2% KCL, TOO H W/ 112-1", 134-7/8" 161-3/4" RODS & LAY DWN 13, 1-1/2" WT BARS & 2-1/2" X 1-1/2" X 38' PUMP
	11:30 13:00	1.50	WOR	16		P		X OVER TO TBG EQUIP, NDWH, UNLAND TBG INSTALL 6' SUB UNDER HANGER & LAND TBG, NU 10K X 5K ADAPTER SPOOL, & 5K BOP, RU WORK FLOOR, TBG TONGS, RELEASE 7" TAC @ 10474', LAY DWN TBG HANGER & 6' TBG SUB & TUBING SCANNERS
	13:00 17:30	4.50	WOR	39		P		TOOH SCANNING W/ 182 JTS 2-7/8" EUE L-80 YELLOW BAND TBG, 96 JTS 2-7/8" EUE L-80 BLUE BAND TBG & 6 JTS 2-7/8" EUE L-80 RED BAND TBG, SHUT & LOCK PIPE RAMS, INSTALL & CLOSE TIW W/ NIGHT CAP, CLOSE BOTH CSG VALVES & SHUT NIGHT CAPS, SDFN
2/6/2015	6:00 7:30	1.50	WOR	26		P		CT HOLD SAFETY MTG ON SCANNING TBG OUT OF HOLE WRITE & REVIEW JSA'S
	7:30 9:00	1.50	WOR	39		P		0 PSI ON WELL, CONT SCANNING TBG OUT OF HOLE W/ 51 JTS 2-7/8" TBG, 7" TAC, 4 JTS 2-7/8" TBG, P.S.N. & LAY DWN BHA, 203 TOTAL JTS 2-7/8" YELLOW BAND, 125 JTS BLUE BAND & 12 JTS RED BAND, RIG DWN SCANNING EQUIP
	9:00 15:00	6.00	WLWORK	27		P		MIRU CUTTERS W.L., RIH W/ 7" GR/JB TO 10510' TOO H RIH W/ 7" CBP & SET @ 10505' TOO H, RIH & DUMP BAIL 5" CMT ON TOP, FILL CSG W/ 310 BBLs 2% KCL, RIH W/ 7" CBP, PRESSURE CSG UP TO 3000 PSI & SET CBP @ 10500', TOO H & RIH & DUMP BAILS 5" CMT ON PLUG, POOH RIG DWN W.L., CLOSE & LOCK BLIND RAMS, SHUT BOTH CSG VALVES & NIGHT CAP THEM, SDFN
2/7/2015	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON NDBOP, WRITE & REVIEW JSA'S

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30 11:30	4.00	WOR	16		P		0 PSI ON WELL, NDBOP NU 7" 10K FRAC VALVE, TEST CSG TO 7500 PSI FOR 15 MINUTES GOOD TEST, NU 7" 10K HCR VALVES & GOAT HEAD, TEST STACK TO 10,000 PSI, CLOSE & LOCK HCR VALVES, CLOSE FRAC VALVE, CLOSE & NIGHT CAP CSG VALVES, SECURE WELL SDFW
2/8/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
2/9/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
2/10/2015	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON, PU WIRE LINE LUBRICATOR, WRITE & REVIEW JSA'S
	7:30 12:00	4.50	STG01	21		P		MIRU CUTTERS W.L., P.U. LUBRICATOR, RIH & PERF STG 1 PERFS FROM 10487' TO 10243' USING 3-1/8" 22.7 GRAM CHARGES @ 120 DEG PHASING, STARTING PRESSURE 1000 PSI & ENDING PRESSURE 0 PSI, ALL PERFS ARE CORRELATED TO LONE WOLF CBL/GR/CCL LOG DATED 12/09/2011, LAY DWN PERF GUN, CLOSE IN 7" 10K FRAC VALVE, BOTH 7" HCR VALVES & INSTALL NIGHT CAP, CLOSE CSG VALVES & NIGHT CAPS, SDFN
2/11/2015	6:00 7:30	1.50	STG01	28		P		TRAVEL TO LOC HOLD SAFETY MTG ON RU FRAC EQUIP, WRITE & REVIEW JSA'S
	7:30 11:00	3.50	MIRU	01		P		MIRU WEATHERFORD FRAC EQUIP
	11:00 12:30	1.50	STG01	35		P		TEST PUMP LINES TO 9105 PSI, OPEN WELL 0 PSI, PUMP 275 BBLS TO FILL WELL, BRK DWN STG 1 PERFS @ 3580 PSI @ 11 BPM, ISIP 3355 PSI, 5 MIN 2289 PSI, 10 MIN 1366 PSI & 15 MIN 1277 PSI, F.G. .75 STIMULATE PERFS W/ 7000 GALS 15% HCL ACID, 2940 GALS OF SPACER & DROP 53 BIO BALLS, 7000 GALS 15% HCL ACID, 2940 GALS SPACER & DROP 52 BIO BALLS, 6000 GALS 15% HCL ACID & FLUSH 10 BBLS PAST BTM PERF W/ 400 BBLS 2% KCL, ISIP 3022 PSI F.G. .72, AVG PRESSURE 4196 PSI, MAX PRESSURE 5683 PSI, AVG RATE 45 BPM, MAX RATE 54 BPM, CLOSE IN WELL & TURN OVER TO WIRE LINE
	12:30 16:00	3.50	STG02	21		P		RIH & SET 7" CBP @ 10208', PERFORATE STG 2 PERF FROM 10198' TO 9951' IN 2 RUNS USING, 3-1/8" 22.7 GRM CHARGES, ALL PERFS CORRELATED TO LONE WOLF CBL/GR/CCL DATED 12/09/2011 RUN # 1, STARTING PRESSURE 2400 PSI, ENDING PRESSURE 0 PSI, SWI & TURN OVER TO FRAC CREW
	16:00 17:30	1.50	STG02	35		P		TEST PUMP LINES TO 8833 PSI, OPEN WELL 0 PSI, PUMP 9 BBLS TO FILL WELL, BRK DWN STG 2 PERFS @ 3097 PSI @ 9 BPM, ISIP 2632 PSI, 5 MIN 1602 PSI, 10 MIN 1456 PSI & 15 MIN 1502 PSI, F.G. .69 STIMULATE PERFS W/ 7000 GALS 15% HCL ACID, 2940 GALS OF SPACER & DROP 50 BIO BALLS, 7000 GALS 15% HCL ACID, 2940 GALS SPACER & DROP 50 BIO BALLS, 6000 GALS 15% HCL ACID & FLUSH 10 BBLS PAST BTM PERF W/ 389 BBLS 2% KCL, ISIP 2586 PSI F.G. .69, AVG PRESSURE 4025 PSI, MAX PRESSURE 5200 PSI, AVG RATE 51 BPM, MAX RATE 54 BPM, CLOSE IN WELL & TURN OVER TO WIRE LINE
	17:30 20:30	3.00	STG03	21		P		RIH & SET 7" CBP @ 9910', PERFORATE STG 3 PERFS FROM 9886' TO 9712' IN 2 RUNS USING, 3-1/8" 22.7 GRM CHARGES, ALL PERFS CORRELATED TO LONE WOLF CBL/GR/CCL DATED 12/09/2011 RUN # 1, STARTING PRESSURE 1300 PSI, ENDING PRESSURE 0 PSI, SHUT IN 7" 10 FRAC VALVE, BOTH 7" HCR VALVES, INSTALL NIGHT CAP, CLOSE IN BOTH CSG VALVES & NIGHT CAP, SDFN
2/12/2015	6:00 7:30	1.50	STG03	28		P		CT HOLD SAFETY MTG ON HIGH PRESSURE PUMP LINES, WRITE & REVIEW JSA'S

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30 10:00	2.50	STG03	18		P		0 PSI ON WELL, START FRACING EQUIP, COULDN'T KEEP BLENDER RUNNING, KNOCK BLENDER OFF LINE & WAIT ON NEW BLENDER
	10:00 11:00	1.00	STG03	35		P		TEST PUMP LINES TO 8897 PSI, OPEN WELL 0 PSI, FILL CSG W/ 202 BBLs KCL, BRK DWN STG 3 PERFS @ 1473 PSI @ 11 BPM, ISIP 773 PSI, F.G. .51, 2 MIN 0 PSI, STIMULATE PERFS W/ 7000 GALS 15% HCL ACID, 2940 GALS SPACER W/ 53 BIO BALLS, 7000 GALS 15% HCL ACID, 2940 GALS SPACER W/ 52 BIO BALLS, 6000 GALS 15% HCL ACID & FLUSH 10 BBLs PAST BTM PERF W/ 377 BBLs KCL, ISIP 2128 PSI, F.G. .65, AVG PRESSURE 4044 PSI, MAX PRESSURE 7700 PSI, AVG RATE 46 BPM, MAX RATE 62 BPM, SWI & TURN OVER TO W.L.
	11:00 13:00	2.00	STG04	21		P		RIH W/ 7" CBP & SET @ 9690' & PERF STG 4 PERF FROM 9670' TO 9415' USING 3-1/8" 22.7 GRAM CHARGES @ 120 DEG PHASING, IN 2 RUNS, STARTING PRESSURE 400 PSI, ENDING 0 PSI, ALL PERFS CORRELATED TO LONE WOLF CBL/GR/CCL LOG DATED 12/9/2011, SWI & TURN OVER TO FRAC CREW
	13:00 14:00	1.00	STG04	35		P		TEST PUMP LINES TO 9041 PSI, OPEN WELL 0 PSI, FILL CSG W/ 115 BBLs KCL, BRK DWN STG 4 PERFS @ 1148 PSI @ 9 BPM, ISIP 540 PSI, F.G. .49, 2 MIN 0 PSI, STIMULATE PERFS W/ 7000 GALS 15% HCL ACID, 2940 GALS SPACER W/ 53 BIO BALLS, 7000 GALS 15% HCL ACID, 2940 GALS SPACER W/ 52 BIO BALLS, 6000 GALS 15% HCL ACID & FLUSH 10 BBLs PAST BTM PERF W/ 369 BBLs KCL, ISIP 1935 PSI, F.G. .63, AVG PRESSURE 2708 PSI, MAX PRESSURE 6959 PSI, AVG RATE 39 BPM, MAX RATE 56 BPM, SWI
	14:00 17:30	3.50	WOR	16		P		RIG DWN FRAC & WIRE LINE CREW, ND 7" 10K FRAC STACK, WELL WAS ON A VACUME, ND 7" 10K FRAC VALVE NU 5K BOP, RU WORK FLOOR, CLOSE & LOCK BLIND RAMS, CLOSE BOTH CSG VALVES & NIGHT CAP THEM, SDFN
2/13/2015	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON, TIH W/ TBG WRITE & REVIEW JSA'S
	7:30 9:30	2.00	WOR	39		P		0 PSI ON WELL, TALLY M.U. & RIH W/ 6" ROCK BIT, 2-7/8" EUE X 3-1/2" REG BIT SUB & 202 JTS 2-7/8" PROD TBG OUT OF DERRICK
	9:30 11:30	2.00	WOR	24		P		TALLY & P.U. 105 JTS NEW 2-7/8" EUE L-80 TBG & TAG 7" CBP @ 9690'
	11:30 13:30	2.00	WOR	06		P		RU POWER SWIVEL, BREAK CIRC W/ 265 BBLs 2% KCL, PUMPING 5 BPM RETURNING 1.5 BPM
	13:30 17:00	3.50	WOR	18		P		DRILL OUT 7" CBP @ 9690', LOST CIRC, PUMP 200 BBLs TO GET CIRC BACK, CONT DRILLING OUT CBP, CIRC TBG CLEAN, RIG DWN POWER SWIVEL, RIH W/ 7 JTS 2-7/8" TBG & TAG 7" CBP @ 9910' TOOH W/ 17 JTS 2-7/8" TBG, SHUT & LOCK PIPE RAMS, INSTALL TIW VALVE & NIGHT CAP, CLOSE CSG VALVE & NIGHT CAP IT, SDFN USED 950 BBLs 2% KCL TODAY
2/14/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP POWER SWIVEL
	7:00 13:30	6.50	WOR	10		P		TIH w 17 JTS OF 2 7/8" TBG TAG 9910' R/U POWER SWIVEL ESTABLISH CIRC w 260 BBLs OF 2% KCL WATER DRILL CBP AT 9910' CHASE PLUG PART TO 10208' DRILL CBP C/O TO PBDT AT 10495 CIRC WELL CLEAN PUMP
	13:30 14:00	0.50	WOR	39		P		R/D POWER SWIVEL

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 18:30	4.50	WOR	39		P		TOH L/D 66 JTS OF 2 7/8" TBG CONTINUE TO THE DERRICK w 252 JTS OF 2 7/8" TBG L/D C/O ASSEMBLY SHUT & LOCK PIPE RAMS, INSTALL TIW VALVE & NIGHT CAP, CLOSE CSG VALVE & NIGHT CAP IT, SDFN USED TTL OF 780 BBLS OF 2% KCL WATER TODAY
2/15/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; OVER HEAD LOAD
	7:00 14:30	7.50	WOR	39		P		P/U 5 3/4" SOILID NO-GO 2-JTS OF 2 7/8" TBG 4 1/2" PBGA 2' X 2 7/8" TBG SUB 2 7/8" PSN R/U HYDROTEST TOOLS TEST TBG TO 7000 PSI 4-JTS OF 2 7/8" TBG 7" TAC 184-JTS OF 2 7/8" TBG ALL TESTED GOOD R/D HYDROTEST TOOL CONTINUE IN w 90 NEW 2 7/8" L-80 8RD TBG SET TAC LAND TBG
	14:30 15:30	1.00	WOR	16		P		R/D FLOOR WELL ON VACUUM N/D BOPE N/U WELL HEAD
	15:30 16:15	0.75	WOR	39		P		FLUSH TBG w 60 BBLS OF HOT 2% KCL WATER
	16:15 17:30	1.25	WOR	39		P		P/U AND PRIME 2 1/2" X 1 3/4" X 38' RHBC PUMP TIH w 17- 1 1/2" K BARS TIH w 131-3/4" RODS SECURE WELL P/U POLISH ROD CLOSE CSG VALVE w NIGHT CAP SDFN
2/16/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
2/17/2015	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON RIH W/ RODS, WRITE & REVIEW JSA'S
	7:30 10:00	2.50	WOR	39		P		CONT TIH W/ 30-3/4" RODS & LAY DWN 62 AS PER NEW ROD STAR, TIH W/ 131-7/8" RODS, 101-1" RODS LAYING DWN AS NEEDED, PER ROD STAR, SPACE RODS OUT W/ 2-2' X 1" ROD SUBS & NEW 1-1/2" X 40' POLISH ROD, SEAT PUMP, FILL TBG W/ 15 BBLS STROKE TEST PUMP TO 1000 PSI GOOD TEST
	10:00 12:00	2.00	WOR	18		P		RIG DWN RIG, SLIDE IN P.U. HANG OFF RODS, TWOTP, P.U. LOCATION & MOVE OUT

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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: EL PASO 4-21B4	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013505720000	
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: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/15/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="DO Plugs"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
EP drilled out plugs and cleaned well. Open perms: 11263'-13102', 10514'-11226' and 9415'-10487'. See attached for details.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 10, 2015		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 11/10/2015	

CENTRAL DIVISION

ALTAMONT FIELD
EL PASO 4-21B4
EL PASO 4-21B4
RECOMPLETE LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 18:30	4.50	WOR	39		P		TOH L/D 66 JTS OF 2 7/8" TBG CONTINUE TO THE DERRICK w 252 JTS OF 2 7/8" TBG L/D C/O ASSEMBLY SHUT & LOCK PIPE RAMS, INSTALL TIW VALVE & NIGHT CAP, CLOSE CSG VALVE & NIGHT CAP IT, SDFN USED TTL OF 780 BBLS OF 2% KCL WATER TODAY
2/15/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; OVER HEAD LOAD
	7:00 14:30	7.50	WOR	39		P		P/U 5 3/4" SOILID NO-GO 2-JTS OF 2 7/8" TBG 4 1/2" PBGA 2' X 2 7/8" TBG SUB 2 7/8" PSN R/U HYDROTEST TOOLS TEST TBG TO 7000 PSI 4-JTS OF 2 7/8" TBG 7" TAC 184-JTS OF 2 7/8" TBG ALL TESTED GOOD R/D HYDROTEST TOOL CONTINUE IN w 90 NEW 2 7/8" L-80 8RD TBG SET TAC LAND TBG
	14:30 15:30	1.00	WOR	16		P		R/D FLOOR WELL ON VACUUM N/D BOPE N/U WELL HEAD
	15:30 16:15	0.75	WOR	39		P		FLUSH TBG w 60 BBLS OF HOT 2% KCL WATER
	16:15 17:30	1.25	WOR	39		P		P/U AND PRIME 2 1/2" X 1 3/4" X 38' RHBC PUMP TIH w 17- 1 1/2" K BARS TIH w 131-3/4" RODS SECURE WELL P/U POLISH ROD CLOSE CSG VALVE w NIGHT CAP SDFN
2/16/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
2/17/2015	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON RIH W/ RODS, WRITE & REVIEW JSA'S
	7:30 10:00	2.50	WOR	39		P		CONT TIH W/ 30-3/4" RODS & LAY DWN 62 AS PER NEW ROD STAR, TIH W/ 131-7/8" RODS, 101-1" RODS LAYING DWN AS NEEDED, PER ROD STAR, SPACE RODS OUT W/ 2-2' X 1" ROD SUBS & NEW 1-1/2" X 40' POLISH ROD, SEAT PUMP, FILL TBG W/ 15 BBLS STROKE TEST PUMP TO 1000 PSI GOOD TEST
	10:00 12:00	2.00	WOR	18		P		RIG DWN RIG, SLIDE IN P.U. HANG OFF RODS, TWOTP, P.U. LOCATION & MOVE OUT
9/3/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO THE WHITE 1-23C5. HOLD SAFETY MEETING ON ROADING RIG. FILL OUT & REVIEW JSA
	7:30 11:00	3.50	WOR	01		P		ROAD RIG TO LOCATION & RIG UP
	11:00 12:30	1.50	WOR	06		P		WORK PUMP OFF SEAT & FLUSH TBG W/ 70 BBLS 2% KCL WTR
	12:30 14:30	2.00	WOR	39		P		TOOH W/ 101 1" RODS , 131 7/8" RODS, 99 3/4", 17 WEIGHT RODS & 2-1/2" X 1-3/4" PUMP.
	14:30 16:00	1.50	WOR	16		P		ND WELL HEAD. NU BOP & RD WORK FLOOR. RELEASE TAC
16:00 18:00	2.00	WOR	39		P		TOOH W/ 238 JTS 2-7/8"EUE TBG. SDFN	
9/4/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30 12:00	4.50	WOR	39		P		CONTINUE TOOH W/ PRODUCTION TBG. TIH W/ 6" OD BIT, BIT SUB & 332 JTS 2-7/8"EUE TBG. TAG UP @ 10521'. RU POWER SWIVEL
	12:00 16:00	4.00	WOR	06		P		PUMP 1590 BBLS 2% KCL WTR @ 6.5 BPM. CAUGHT PARTIAL CIRCULATION OF 1.5 BPM. ATTEMPT TO START CLEAN OUT. LOST CIRCULATION WHEN TAGGING CMT. CONTINUE PUMPING 1630 TTL BBLS FLUID. UNABLE TO CIRCULATE WHEN TAGGING CMT.
	16:00 17:00	1.00	WOR	39		P		RD POWER SWIVEL & TOOH W/ 40 JTS 2-7/8"EUE TBG. SDFN
9/5/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30 8:30	1.00	WOR	39		P		TIH W/ 40 JTS 2-7/8"EUE TBG. RU 2nd RIG PUMP. RU POWER SWIVEL
	8:30 12:30	4.00	WOR	10		P		PUMP 344 BBLS 25 KCL WTR TO BREAK CIRCULATION. DRILL CMNT & CBP'S SET @ 10500' & 10505', PUMPING 6.5 BPM & RETURNING 2 BPM. CIRCULATE TBG CLEAN. TIH TO LINER TOP & DRILL CBP REMAINS. CIRCULATE CLEAN

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	12:30 14:00	1.50	WOR	39		P		TOOH W/ 147 JTS 2-7/8"EUE TBG. RIGHT ANGLE DRIVE ON RIG FAILED. SDFN W/ EOT @ 6185'
9/6/2015	6:00 6:00	24.00	WOR	18		P		NOACTIVITY TODAY. SHUT DOWN FOR WEEKEND
9/7/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY TODAY. SHUT DOWN FOR LABOR DAY HOLIDAY
9/8/2015	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR LABOR DAY HOLIDAY
9/9/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30 14:00	6.50	WOR	39		P		TOOH W/ 198 JTS 2-7/8"EUE TBG & BIT. TIH W/ 3-3/4" OD BIT, BIT SUB, 80 JTS 2-3/8"EUE TBG, X-OVER & 260 JTS 2-7/8"EUE TBG. TAG LINER TOP & WORK BIT IN LINER. CONTINUE IN HOLE TO 12068'. TAG SCALE .
	14:00 19:00	5.00	WOR	10		P		RU POWER SWIVEL. PUMP 70 BBLs 2% KCL WTR DOWN TBG. CLEAN OUT SPOTTY SCALE TO 12198'. CONTINUE IN HOLE TO 12694'. RU POWER SWIVEL. BIT STUCK WHILE CLEANING OUT SCALE. WHILE ATTEMPTING TO WORK TBG FREE THREADS ON BOTTOM OF SEAT NIPPLE BELOW POWER SWIVEL KELLY COCK FAILED WHILE PULLING 82000 ON TBG STRING. SET BACK POWER SWIVEL. PU 1 JT TBG. TAG FISH TOP @ 14'. SCREW INTO DROPPED TBG. POOH W/ 11 TTL JTS TBG, LEAVING FISH TOP @ 395' & BIT @ 12710'. BOTTOM PIN ON JT 11 WAS DAMAGED AS IF IT HAD STRUCK COLLAR ON TOP OF TBG FISH. RIH & SCREW INTO FISH. PU TO 70000 STRING WEIGHT. TBG PARTED @ 395'. TOOH W/ 11 JTS TBG SDFN.
9/10/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (PUMPOPERATIONS)
	7:30 13:30	6.00	WOR	39		P		BWD, PUMU & RIH W/ 5 3/4" OVER SHOT W/ 3 21/32" GPL, 12 JTS, ENGAUGE FISH @ 395'. ATTEMPT TO WORK FREE PUMPING 640 BBLs DOWN TBG. ATTEMPTS FAILED TO WORK FREE.
	13:30 18:30	5.00	WLWORK	18		P		MIRU WIRE LINE RIH W/ FREE POINT TOOLS, WORK THROUGH TIGHT SPOT IN TBG @ 10,230'. CIH TAG @ 12,264', ATTEMPT TO WORK THROUGH WITH NO SUCCESS. PU FREE POINT 100% FREE @ 12,245'. RIH W/ 13/4" CHEMICAL CUTTER UN ABLE TO WORK THROUGH TIGHT SPOT @ 10,230'. RIH W/ 1 7/16" CHEMICAL CUTTER, WORK THROUGH TIGHT SPOT. TAG @ 12,264', ATTEMPTS TO WORK DEEPER FAILED. PU & CUT TBG @ 12,245'. RD WIRE LINE.
	18:30 20:00	1.50	WOR	39		P		POOH W/ 12, LAY DOWN FISH, COOH W/ 40 JTS 2 7/8" 8RD EUE TBG EOT 10,550'. SWI, SDFN
9/11/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30 14:30	7.00	WOR	39		P		TOOH W/ 268 JTS EUE TBG, X-OVER, 69 JTS 2-7/8"EUE TBG & 16' CUT JT. TIH W, 3-3/4"OD OVERSHOT, BUMPER SUB, JAR, 4 3-1/8"OD DRILL COLLARS, INTENSIFIER, X-OVER, 2-3/8"EUE PUP JT, 62 JTS 2-3/8"EUE TBG, X-OVER & 321 JTS 2-7/8"EUE TBG. TAG FISH TOP @ 12232'(TBG MEASURMENT). WORK OVERSHOT OVER FISHTOP.
	14:30 19:00	4.50	WOR	14		P		JAR ON FISH 4 HRS FROM 20K TO 45K OVER STRING WEIGHT. FISH MOVED UP HOLE 26'
9/12/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON JARRING ON FISH. FILL OUT & REVIEW JSA
	7:30 15:00	7.50	WOR	14		P		JAR ON FISH @ 10K TO 40 K OVER STRING WEIGHT.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	15:00 18:30	3.50	WOR	18		P		RU ACID PUMPER. HOLD SAFETY MEETING ON PUMPING ACID. PRESSURE TEST LINES TO 5000 PSI. PUMP 1 BBL WTR & 2 BBLS 15% ACID. PRESSURE STARTED CLIMBING. STOP PUMPING ACID. CONTINUE PUMPING 2% KCL WTR. PRESSURED UP TO 5000 PSI. BLEED PRESSURE OFF TBG. BREAK LINES & CHECK FOR OBSTRUCTION. PRESSURE TEST LINES TO 1000 PSI. PRESSURE UP ON TBG TO 1000 PSI. RD ACID EQUIPMENT. RELEASE OVERSHOT. RU SWAB EQUIPMENT & SWAB ACID FROM TBG.
	18:30 19:30	1.00	WOR	39		P		TOOH W/ 80 JTS 2-7/8"EUE TBG. SDFN
9/13/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING WET TBG. FILL OUT & REVIEW JSA
	7:30 16:00	8.50	WOR	39		P		TOOH W/ 278 JTS 2-7/8"EUE TBG, X-OVER, 63 JTS 2-3/8"EUE TBG, 2-3/8"EUE PUP JT, X-OVER, INTENSIFIER, 3 3-1/8" DRILL COLLARS, JAR, BUMPER SUB & OVERSHOT. TIH W/ 3-3/4" OD OVERSHOT, OVERSHOT EXTENSION, 6' X 2-3/8" EUE PUP JT, 63 JTS 2-3/8"EUE TBG, X-OVER & 323 JTS 2-7/8"EUE TBG. WORK OVER SHOT OVER FISH.
	16:00 18:30	2.50	WOR	18		P		RU WIRELINE UNIT. RIH W/ 1-7/16"OD FREE POINT TOOL. SET DOWN @ 12650'. FOUND TBG 80% FREE @ 12630'. POOH W/ FREEPOINT TOOL. RIH W/ 1-1/2" OD CHEMICAL CUTTER & CUT TBG @ 12630'. POOH & RD WIRELINE UNIT.
9/14/2015	18:30 19:00	0.50	WOR	39		P		TOOH W/ 16 JTS 2-7/8"EUE TBG. SDFN
	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PUMPING ACID. FILL OUT & REVIEW JSA
	7:30 8:00	0.50	WOR	39		P		TIH W/ 16 JTS 2-7/8"EUE TBG TO 10' ABOVE FT @ 12620' WLM
	8:00 9:00	1.00	WOR	06		P		PUMP 1000 GALLONS 15% HCL ACID DOWN TBG & FLUSH TO END OF TBG.
	9:00 16:30	7.50	WOR	39		P		TOOH W/ 323 JTS 2-7/8"EUE TBG, X-OVER, 62 JTS 2-3/8"EUE TBG, 2-3/8"EUE PUP JT, OVERSHOT, UPPER 2-3/8"EUE TBG CUT, 11 JTS 2-3/8"EUE TBG (LAID DOWN 7 BAD), & LOWER TBG CUT. TIH W/ 3-3/4" OD OVERSHOT, 3-1/8"OD BUMPER SUB, 3-1/8"OD JAR, 2 3-1/8" OD DRILL COLLARS, 3-1/8" INTENSIFIER, 2-3/8"EUE PUP JT, 72 JTS 2-3/8"EUE TBG, X-OVER, 322 JTS 2-7/8"EUE TBG, 10' & 8' X 2-7/8"EUE PUP JTS & 2 JTS 2-7/8"EUE TBG. TAG FISHTOP @ 12607' SLM. WORK OVER FISH TOP
16:30 19:00	2.50	WOR	14		P		JAR ON FISH @ 10K TO 50K OVER STRING WEIGHT. MOVED FISH UP HOLE 15". SHUT WELL IN W/ TBG @ 45K OVER STRING WEIGHT.	
9/15/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (JARRING ON FISH)
	7:30 15:30	8.00	WOR	14		P		JAR ON FISH @ 50K OVER STRING WEIGHT. NO MOVEMENT. RU SWIVEL TO RELEASE FISH.
	15:30 20:00	4.50	WOR	39		P		TOOH W/ 2 JTS 2-7/8" 8RD L-80 TBG, 10' & 8' X 2-7/8" 8RD N-80 PUP JTS, 320 JTS 2-7/8" 8RD L-80, X/O TO 2 3/8" 8RD, 72 JTS 8RD N-80 2-3/8", 2-3/8" 8RD N-80 PUP JT, 3-1/8" INTENSIFIER, 2 3-1/8" OD DRILL COLLARS, 3-1/8"OD JAR, 3-1/8"OD BUMPER SUB, 3-3/4" OD OVERSHOT. SHUT AND LOCK BLIND RAMS, SHUT CASING VALVES AND INSTALL NIGHT CAPS.
9/16/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (WASHING OVER FISH TOP)
	7:30 12:00	4.50	WOR	39		P		PUMU & RIH W/ 3 3/4" SHOE, 3 JTS 3 3/4" WASH OVER PIPE, TOP SUB, 3 1/8" BUMPER SUB, 3 1/8" JARS, 2- 3 1/8" DCS, 3 1/8" INTENSIFIER, 2 3/8" REG X 2 3/8" EUE X/O, 6' PUP JT, 72 JTS 2 3/8" 8RD N-80, 2 3/8" EUE X 2 7/8" EUE X/O, 260 JTS 2 7/8" 8RD L-80, MIX AND PUMP 20 BBLS HEC PILL PUMP 20 OVER TBG VOLUME, CIH W/ 56 JTS 2 7/8" 8RD L-80. TAG @ 12,494'. RU SWIVEL, SWIVEL OUT 4 JTS. RU TWO RIG PUMPS

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	12:00 20:00	8.00	WOR	06		P		START PUMPING AT 8.8 BPM, BREAK CIRCULATION W/ 750 BBLS, RETURNING 1.5 BPM, CIRCULATE CLEAN. CIRCULATE DOWN W/ SWIVEL TO FISH TOP W/ JT# 320 TAG FISH TOP @ 12,608.22, WASH DOWN TO 12,620.22 UN ABLE TO ROTATE PAST, KICK SWIVEL OUT AND WAS ABLE TO WASH TO 12,628.82, CIRCULATE CLEAN RD SWIVEL POOH W/ 60 JTS EOT @ 10,659' SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES AND INSTALL NIGHT CAP, INSTALL & SHUT TIW VALVE W/ NIGHT CAP. WATER LOSS 3580 BBLS KCL.
9/17/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)
	7:30 16:30	9.00	WOR	40		P		RIH W/ 58 JTS 2 7/8" L-80, PU 10', 8' PUP JTS, CIH TAG FISH TOP W/ JT# 319 @ 12,608'. BREAK CIRCULATION W/ 650 BBLS, CLEAN OUT TO 12,652' W/ JT # 322. CIRCULATE WELL CLEAN. RD POWER SWIVEL.
	16:30 20:00	3.50	WOR	39		P		POOH W/ 4 JTS, LAY DOWN PUP JTS, COOH W/ 316 JTS 2 7/8" 8RD L-80 TBG. SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES AND INSTALL NIGHT CAP, INSTALL & SHUT TIW VALVE W/ NIGHT CAP. WATER LOSS 4001 BBLS KCL .
9/18/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (LAYING DOWN & PICKING UP BHA'S)
	7:30 8:30	1.00	WOR	39		P		COOH W/ 4 JTS 2 7/8" 8RD L-80, X/O TO 2 3/8", 72 JTS 2 3/8" 8RD N-80, LAY DOWN WASH OVER ASSEMBLY
	8:30 18:30	10.00	WOR	39		P		TIH W/ 3-3/4" OD OVERSHOT, 3-1/8"OD BUMPER SUB, 3-1/8"OD JAR, 2 3-1/8" OD DRILL COLLARS, 3-1/8" INTENSIFIER, 2-3/8"8RD PUP JT, 72 JTS 2-3/8"8RD TBG, X-OVER, 265 JTS 2-7/8"8RD TBG. TAG FISHTOP @ 10719'. HAD TROUBLES WORKING OVER FISH TOP, JAR FREE POOH W/ 265 JTS, L/D 2 3/8" AND OVER SHOT ASSEMBLY, PARTIAL JT 2 3/8", 2 JTS, BIT SUB & BIT W/ 1 CONE MISSING. SHUT AND LOCK BLIND RAMS. RACK OUT PUMP LINES SHUT DOWN FOR DAY.
9/19/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (RIH W/ TBG AND RODS)
	7:30 13:30	6.00	INARTLT	39		P		PUMU & RIH W/ 5 3/4" SOLID NO-GO, 2 JTS 2 7/8", 4 1/2" PBGA W/ DIP TUBE, 2' PUP JT, +45 PSN, 4' PUP JT, 4 JTS 2 7/8", 7" KLX TAC, 320 JTS 2 7/8" 8RD L-80, LAY DOWN 46 JTS WORK STRING, PU 6' PUP JT SET TAC @ 8681'. TEMPORARY LAND TBG IN COMPRESSION. RD WORK FLOOR AND TBG EQUIPMENT. ND BOPE, RE LAND TBG IN 25K TENSION. MU PUMP "T" C/O TO TBG EQUIPMENT, FLUSH TBG W/ 65 BBLS KCL W/ CORROSION INHIBITOR.
	13:30 16:00	2.50	INSTUB	39		P		PU STROKE TEST MU & RIH W/ 2 1/2" X 1 3/4" X 38' BSC RHBC, 17 1 1/2" K-BARS, 99 3/4" W/G, 131 7/8" W/G, 101 1" MIXED, SPACE OUT W/ 2',6',8' SUBS & 1 1/2" X 40' P-ROD. FILL TBG W/ 38 BBLS, L/S TO 1000 PSIG GOOD TEST W/ GOOD PUMP ACTION. RD SLIDE UNIT, NO TAG TOTP.

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
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	8. WELL NAME and NUMBER: EL PASO 4-21B4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U	9. API NUMBER: 43013505720000
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	PHONE NUMBER: 713 997-5138 Ext
9. FIELD and POOL or WILDCAT: ALTAMONT	COUNTY: DUCHESNE
STATE: UTAH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/21/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Please see attached the proposed procedure along with current and post WBD's.

Approved by the
July 09, 2016
Oil, Gas and Mining

Date: _____
 By: D. K. Quist

NAME (PLEASE PRINT) Linda Renken	PHONE NUMBER 713 997-5138	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 7/13/2016	



Isolate Casing Leak and Lower Pump El Paso 4-21B4

API #: 4301350572
Sec. 21, T2S – R4W
Latitude = 40°11'20.68" N
Longitude = 110°20'15.486" E
Altamont Field
Duchesne County, Utah

AFE Routing

Objective : POOH w/ pump, rods, and tubing. RIH with RBP, and packer, to locate 7" casing leak. Cement leak. RIH with new production BHA. RIH with new pump and rod design.

Prepared by: _____
Michael Walt

El Paso 4-21B4
Isolate Casing Leak and Lower Pump

Tubular Data

String	Description	Burst (psi) 100%	Collapse (psi) 100%	Body Yield (Mlbs)	Jt Yield (Mlbs)	ID (in.)	Drift (in.)	TOC
Surface Casing	9-5/8" 40# N-80 LT&C @ 5,752'	5750	3090	916	737	8.835	8.679	Surf
Intermediate Casing	7" 29# HCP-110 LT&C @ 10,946'	11220	9200	929	797	6.184	6.059	4,410'
Production Liner	4 1/2" 13.5# P-110 @ 10,717'-13,143'	12,410	10,670	422	338	3.920	3.795	Liner Top
Tubing (current)	2-7/8" 6.5# L-80 Surface – 8,913'	10,570	11,170		145	2.441	2.347	

Present wellbore condition

The well was holding 1,000 psi on the 9-5/8" surface casing. The casing was blown down, and approximately ½ of a barrel of oil was recovered. After 5 days the casing had built from 200 to 300 psi. The casing was bled down to 0 psi, and the casing flowed oil at about ½ gpm.

Procedure

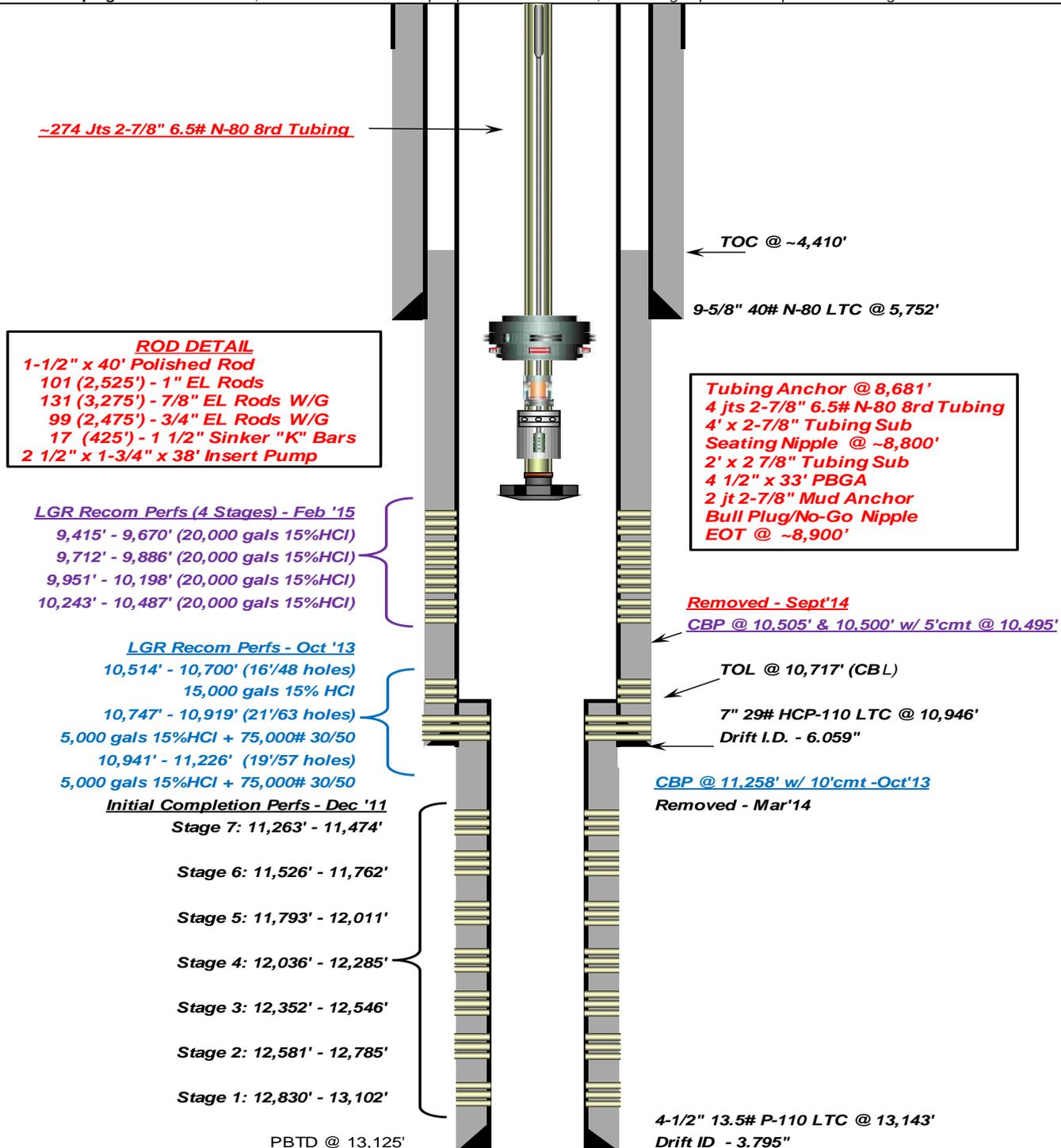
1. MIRU Workover rig.
2. POOH with pump and rods.
3. ND wellhead, NU BOP.
4. POOH with production tubing.
5. RIH with plug and packer. Set plug @ ~5,800' and set packer @ ~4,400'.
6. Fill tubing and test the casing below the packer to 1,500 psi.
7. Fill the tubing/casing annulus and test the casing above the packer to 1,500 psi.
8. Repeat this procedure up and down the hole until the depth of the leak is identified.
9. POOH with the packer.
10. Dump bail 20' of sand on top of the retrievable bridge plug.
11. RU wireline and RIH with composite cement retainer. Set retainer above the casing leak.
12. RIH with 2-7/8" tubing and sting into the cement retainer.
13. Pump cement down tubing, through the leak and circulate cement up the intermediate/surface casing annulus.
14. POOH with tubing.
15. RIH with a 6" bit and drill out the composite cement retainer and cement. Tag the sand on top of the retrievable bridge plug. Circulate sand off of the plug. POOH with bit.
16. RIH with retrieving tool, circulate on top of the plug, latch and release the plug and POOH.
17. RIH with production tubing, set TAC, land tubing, ND BOP, and NU WH.
18. RIH with pump and rods, hang off rods, and RDMO.

Current Schematic



Current Pumping Schematic

Company Name: <u>EP Energy</u>	Last Updated: <u>6/3/2016</u>
Well Name: <u>El Paso 4-21B4</u>	By: <u>Tomova</u>
Field, County, State: <u>Altamont - Bluebell, Duchesne, Utah</u>	TD: <u>13,150'</u>
Surface Location: _____	BHL: _____
Producing Zone(s): <u>Wasatch</u>	Elevation: _____
Pumping Unit: <u>Rotaflex 1100; Well deviation restricted pump size to 1-1/2" at 10,500' setting depth for acceptable rod loading</u>	



ROD DETAIL
 1-1/2" x 40' Polished Rod
 101 (2,525') - 1" EL Rods
 131 (3,275') - 7/8" EL Rods W/G
 99 (2,475') - 3/4" EL Rods W/G
 17 (425') - 1 1/2" Sinker "K" Bars
 2 1/2" x 1-3/4" x 38" Insert Pump

Tubing Anchor @ 8,681'
 4 jts 2-7/8" 6.5# N-80 8rd Tubing
 4' x 2-7/8" Tubing Sub
 Seating Nipple @ ~8,800'
 2' x 2 7/8" Tubing Sub
 4 1/2" x 33' PBGA
 2 jt 2-7/8" Mud Anchor
 Bull Plug/No-Go Nipple
 EOT @ ~8,900'

LGR Recom Perfs (4 Stages) - Feb '15
 9,415' - 9,670' (20,000 gals 15%HCl)
 9,712' - 9,886' (20,000 gals 15%HCl)
 9,951' - 10,198' (20,000 gals 15%HCl)
 10,243' - 10,487' (20,000 gals 15%HCl)

LGR Recom Perfs - Oct '13
 10,514' - 10,700' (16'/48 holes)
 15,000 gals 15% HCl
 10,747' - 10,919' (21'/63 holes)
 5,000 gals 15%HCl + 75,000# 30/50
 10,941' - 11,226' (19'/57 holes)
 5,000 gals 15%HCl + 75,000# 30/50

Initial Completion Perfs - Dec '11
 Stage 7: 11,263' - 11,474'
 Stage 6: 11,526' - 11,762'
 Stage 5: 11,793' - 12,011'
 Stage 4: 12,036' - 12,285'
 Stage 3: 12,352' - 12,546'
 Stage 2: 12,581' - 12,785'
 Stage 1: 12,830' - 13,102'

Removed - Sept'14
 CBP @ 10,505' & 10,500' w/ 5'cmt @ 10,495'
 TOL @ 10,717' (CBL)
 7" 29# HCP-110 LTC @ 10,946'
 Drift I.D. - 6.059"
 CBP @ 11,258' w/ 10'cmt -Oct'13
 Removed - Mar'14

PBTD @ 13,125'

4-1/2" 13.5# P-110 LTC @ 13,143'
 Drift ID - 3.795"

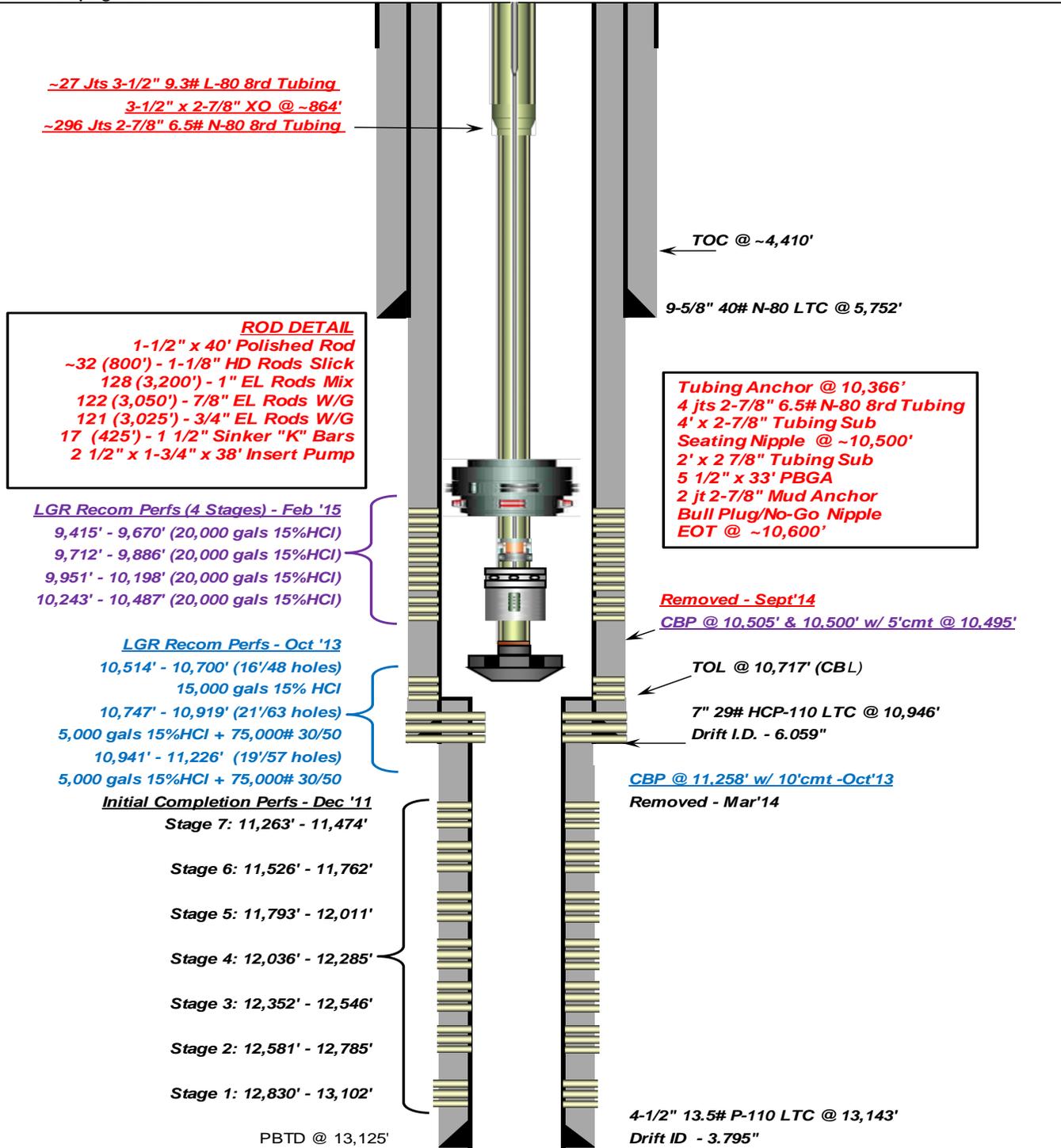
Proposed Schematic



Proposed Pumping Schematic

Company Name: EP Energy
 Well Name: **El Paso 4-21B4**
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: _____
 Producing Zone(s): Wasatch
 Pumping Unit: Rotaflex 1100

Last Updated: 6/21/2016
 By: Walt
 TD: 13,150'
 BHL: _____
 Elevation: _____



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:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: EL PASO 4-21B4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013505720000
PHONE NUMBER: 713 997-5138 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1197 FSL 1608 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 21 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/15/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Please see attached the Operations Summary Report for the casing repair.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 23, 2016**

NAME (PLEASE PRINT) Erik Hauser	PHONE NUMBER 713 997-6717	TITLE Sr EHS Specialist
SIGNATURE N/A	DATE 12/13/2016	

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-21B4		
Project	ALTAMONT FIELD	Site	EL PASO 4-21B4
Rig Name/No.		Event	LOE LAND
Start date	9/7/2016	End date	
Spud Date/Time	10/21/2011	UWI	SUNDANCE WEST 4-21 B4
Active datum	KB @6,416.0usft (above Mean Sea Level)		
Afe No./Description	166962/57156 / EL PASO 4-21B4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
9/8/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 11:32	4.53	WOR	39		P		CSIP 150 PSI TSIP 0 PSI PUMP 60 BBLS OF HOT 2% KCL WATER DOWN ANNULAS L/D POLISH ROD WORK PUMP OFF SEAT TOH w 101-1" RODS 131-7/8" (L/D 9-7/8") 99-3/4" 17- 1-1/2" CBARS L/D PUMP
	11:32 14:00	2.47	WOR	16		P		BLEED OFF CSG N/D WELL HEAD N/U AND TEST BOP AND HYDRILL
	14:00 17:30	3.50	WOR	39		P		RELEASE 7" TAC TOH w 278-2-7/8" TBG L/D BHA LIGHT SCALE ON TBG FROM 8008' TO 8681' SCURE WELL CLOSE BOP AND LOCK BARRIER 1 CLOSE HYDRILL BARRIER 2 CLOSE CSG VALVES w NIGHT CAPS BARRIER 1 & 2 OTHER CSG VLAVE OPEN TO SALES SDFN
9/9/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 16:00	9.00	WOR	39		P		P/U 6" BIT AND BIT SUB TALLY AND HYDROTEST TBG 278-JTS OF 2-7/8" TBG ALL JTS TESTED GOOD R/D HYDROTEST TOOLS P/U 60-JTS OF NEW 2-7/8" TBG C/O TO LINER TOP AT 10742' TMD
	16:00 18:30	2.50	WOR	39		P		TOH w 236-JTS OF 2-7/8" TBG SCURE WELL CLOSE BOP AND LOCK BARRIER 1 CLOSE HYDRILL BARRIER 2 INSTALL TIW VALVE w NIGHT CAP BARRIER 1 & 2 CLOSE CSG VALVES w NIGHT CAPS BARRIER 1 & 2 OTHER CSG VLAVE OPEN TO SALES SDFN EOT 2023'
9/10/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 8:00	1.00	WOR	39		P		CSIP 75 PSI TSIP 80 PSI BLEED OFF WELL FINISH TOH w 120-JTS OF 2-7/8" TBG L/D 6" BIT
	8:00 9:24	1.40	WLWORK	22		P		MIRU WIRELINE TIH w 3.75" GAUGE RING TO 12650' (PBTD AT 13125' BTM PERF 13102') TOH RDMO WIRELINE
	9:24 12:38	3.23	WOR	39		P		P/U 7" KLX PLUG AND 7" HD PKR TIH w 184-JTS SET PLUG AT 5752' FILL CSG w 215 BBLS OF 2% KCL WATER TEST 7" CSG TO 1500 PSI FOR 15 MIN w 9 5/8" CSG OPEN NO COMMUNICATION GOOD TEST RELEASE PLUG
	12:38 14:20	1.70	WOR	39		P		TIH w 24-JTS SET 7" PULG AT 6530' FILL CSG w 227 BBLS OF 2% KCL WATER TEST CSG TO 1500 PSI FOR 15 MIN w 9 5/8" CSG OPEN NO COMMUNICATION GOOD TEST

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	14:20 15:59	1.65	WOR	06		P		FILL 9 5/8" CSG w 1 BBLS OF 2% KCL PRESSURE 7" CSG TO 1500 PSI AND MONITOR ON GAUGE ATTEMPT TO ESTABLISH EJECTION RATE DOWN 9 5/8" CSG FAILED PRESSURED UP TO 2500 PSI 15 MIN PRESSURE LOSS 50 PSI FINAL PRESSURE 2450 PSI
	15:59 15:59	0.00	WOR	39		P		RELEASE PLUG TOH w 227-JTS OF 2-7/8" TBG L/D TOOLS SCURE WELL CLOSE BOP AND LOCK BARRIER 1 CLOSE HYDRILL BARRIER 2 CLOSE CSG VALVES w NIGHT CAPS BARRIER 1 & 2 OTHER CSG VLAVE OPEN TO SALES SDFN
9/11/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 11:30	4.50	WOR	39		P		CSIP 80 PSI BLEED OFF WELL TALLY AND P/U 3-3/4" ROCK BIT BIT SUB CHECK VALVE 4' TBG SUB CHECK VALVE 30-JTS OF 2-3/8" TBG CAVITY SAFETY JT 2-3/8" TBG BAILER DRAIN SUB 48-JTS OF 2-3/8" TBG XO 2-7/8" TBG TIH w 321 JTS TAG AT 12657'
	11:30 18:30	7.00	WOR	10		P		R/U POWER SWIVEL C/O FROM 12657' TO 12949' (C/O 292' BTM PERF IS 13102' PBDT 13125' NEED TO C/O OUT 153' TO GET TO BTM PERF) BAILER STOPPED WORKING R/D POWER SWIVEL TOH w 148-JTS OF 2-7/8" TBG EOT 8215' SCURE WELL CLOSE BOP AND LOCK BARRIER 1 CLOSE HYDRILL BARRIER 2 INSTALL TIW VALVE w NIGHT CAP BARRIER 1 & 2 CLOSE CSG VALVES w NIGHT CAPS BARRIER 1 & 2 OTHER CSG VLAVE OPEN TO SALES SDFN
9/13/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 11:00	4.00	WOR	39		P		CSIP 80 PSI TSIP 75 PSI 9-5/8" CSG 80 PSI BLEED OFF WELL CONTINUE TOH w 187-JTS OF 2-7/8" TBG CHANGE HANDLING TOOLS 48-JTS OF 2-3/8" TBG L/D BAILER 30-JTS OF 2-3/8" TBG CLEAN OUT CHECK VALVES HAD SCALE SAND AND PLUG PARTS IN FLAPPERS
	11:00 14:56	3.93	WOR	39		P		P/U 3-3/4" MILL BIT SUB CHECK VALVE 4' TBG SUB CHECK VALVE 30-JTS OF 2-3/8" TBG CAVITY 2-3/8" TBG BAILER DRAIN SUB 48-JTS OF 2-3/8" TBG XO 2-7/8" TBG TIH w 328 JTS of 2-7/9" TAG AT 12949'
	14:56 20:14	5.30	WOR	10		P		R/U POWER SWIVEL CONTINUE C/O FROM 12949' TO 13057' TMD (45' FROM BTM PERF)
	20:14 21:30	1.27	WOR	39		P		R/D POWER SWIVEL TOH w 100 JTS OF 2-7/8" TBG ABOVE LINER TOP EOT 10579' SCURE WELL CLOSE BOP AND LOCK BARRIER 1 CLOSE HYDRILL BARRIER 2 INSTALL TIW VALVE w NIGHT CAP BARRIER 1 & 2 CLOSE CSG VALVES w NIGHT CAPS BARRIER 1 & 2 OTHER CSG VLAVE OPEN TO SALES SDFN
9/14/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 10:20	3.33	WOR	39		P		CSIP 30 PSI TSIP 0 PSI SCSIP 0 PSI BLEED OFF CSG TOH w 239-JTS OF 2-7/8" TBG L/D 78-JTS OF 2-3/8" TBG L/D BAILER
	10:20 11:15	0.92	WOR	39		P		TEST TBG HEAD VOID TO 5000 PSI HELD 20 MIN
	11:15 17:09	5.90	WOR	39		P		P/U AND TIH w 5-3/4" NO-GO 2-JTS OF 2-7/8" TBG 4-1/2" PBGA 2' X 2-7/8" TBG SUB 2-7/8" PSN 4' X 2-7/8" TBG SUB 4-JTS OF 2-7/8" TBG 7" TAC TIH w 352-JTS OF 2-7/8" TBG L/D 53' JTS OF 2 7/8" TBG (TTL OF 299-JTS OF 2-7/8" TBG IN WELL) CHANGE HANDLING TOOLS TALLY AND P/U 27-JTS OF 3-1/2" TBG EOT 10612' PSN AT 10513' 7" TAC 10384'
	17:09 19:00	1.85	WOR	16		P		R/D FLOOR N/D HYDRILL N/D BOP N/U WELL HEAD SECURE WELL CSG VALVES CLOSE w NIGHT CAP BARRIER 1 & 2 INSTALL TIW VALVE w NIGHT CAP BARRIER 1 & 2 OPEN TO SALES SDFN
9/15/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00 8:12	1.20	WOR	39		P		CSIP 80 PSI TSIP 50 PSI SCSIP 10 PSI BLEED OFF PRESSURE FLUSH TBG w 60 BBLS OF HOT 2% KCL WATER w ROD CHEMICAL

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	8:12 11:53	3.68	WOR	39		P		P/U AND PRIME 2 1/2" X 1 3/4" X 38' RHBC PUMP TIH w 17-1-1/2" CBARS 99-3/4" RODS P/U 22-3/4" RODS 122-7/8" RODS 101-1" RODS P/U 27--1" RODS P/U 32-1-1/8" RODS SPACE OUT PUMP FILL CSG w 43 BBLs TEST AND STROKE TEST TO 1000 PSI GOOD
	11:53 13:30	1.62	RDMO	02		P		RDMO SLIDE ROTOFLEX HANG OF RODS CHECK FOR TAG NO TAG TURN WELL OVER TO PRODUCTION