For KCC Use:
Effective Date: 12-14-08
District # 3
SGA? [X] Yes [ ] No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Form C-1
October 2007
Form must be Typed
Form must be Signed
All blanks must be Filled

Expected Spud Date: 12 (month) 01 (day) 2008 (year)

OPERATOR: License# 34027
Name: CEP Mid-Continent LLC
Address 1: 15 West Sixth Street, Suite 1400
Address 2:
City: Tulsa State: OK Zip: 74119 + 5415
Contact Person: David Spitz, Engineering Manager
Phone: (918) 877-2912, ext. 309

CONTRACTOR: License# 34126 / 33832
Name: Smith Oilfield Services, Inc. (vert. to KOP) / Pense Bros. Drlg. (horizontal section)

Well Drilled For:	Well Class:	Type Equipment:
[ ] Oil	[ ] Enh Rec	[X] Infield	[X] Mud Rotary
[X] Gas	[ ] Storage	[ ] Pool Ext.	[ ] Air Rotary
[ ]	[ ] Disposal	[ ] Wildcat	[ ] Cable
[ ] Seismic ; ____ # of Holes		[ ] Other	
[ ] Other:			

[ ] If OWWO: old well information as follows:

Operator:
Well Name:
Original Completion Date: ____ Original Total Depth:

Directional, Deviated or Horizontal wellbore? [X] Yes [ ] No
If Yes, true vertical depth: 796'
Bottom Hole Location: 2,488' FNL, 1,604' FEL in NE/4 Sec. 22, T33S, R16E
KCC DKT #: C9-CONS-C71-CHOR

Spot Description:
(Q/Q/Q/Q) SW - SE - SE Sec. 22 Twp. 33 S. R. 16 [X] E [ ] W
330 feet from [ ] N / [X] S Line of Section
1,170 feet from [X] E / [ ] W Line of Section
Is SECTION: [X] Regular [ ] Irregular?

(Note: Locate well on the Section Plat on reverse side)

County: Montgomery
Lease Name: FELTS Well #: 22-15
Field Name: Cherokee Basin Coal Area
Is this a Prorated / Spaced Field? [ ] Yes [X] No
Target Formation(s): Weir-Pitt
Nearest Lease or unit boundary line (in footage): 330'
Ground Surface Elevation: 745' feet MSL
Water well within one-quarter mile: [ ] Yes [X] No
Public water supply well within one mile: [ ] Yes [X] No
Depth to bottom of fresh water: N/A 100
Depth to bottom of usable water: N/A 150
Surface Pipe by Alternate: [ ] I [X] II
Length of Surface Pipe Planned to be set: 20' est.
Length of Conductor Pipe (if any): None
Projected Total Depth: 3,163'
Formation at Total Depth: Weir-Pitt
Water Source for Drilling Operations:
[ ] Well [ ] Farm Pond [X] Other: City
DWR Permit #:
(Note: Apply for Permit with DWR [ ])
Will Cores be taken? [ ] Yes [X] No
If Yes, proposed zone:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

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NOV 10 2008
CONSERVATION DIVISION
WICHITA, KS

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office *prior* to spudding of well;
2. A copy of the approved notice of intent to drill ***shall be*** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below ***shall be set*** by circulating cement to the top; in all cases surface pipe ***shall be set*** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary ***prior to plugging;***
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within ***120 DAYS*** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. ***In all cases, NOTIFY district office*** prior to any cementing.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 11-6-08 Signature of Operator or Agent: _____ Title: Engineering Manager

For KCC Use ONLY
API # 15 - 125-31846-01-00
Conductor pipe required None feet
Minimum surface pipe required 20 feet per ALT. [ ] I [X] II
Approved by: Rust 12-9-08
This authorization expires: 12-9-09
(This authorization void if drilling not started within 12 months of approval date.)

Spud date: ____ Agent: ____

Remember to:
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If this permit has expired *(See: authorized expiration date)* please check the box below and return to the address below.

[ ] **Well Not Drilled - Permit Expired** Date:
Signature of Operator or Agent:

22 33 16 [X] E [ ] W

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Side Two

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of acreage attributable to a well in a prorated or spaced field

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - 125-31846-01-00

Operator: CEP Mid-Continent LLC

Lease: FELTS

Well Number: 22-15

Field: Cherokee Basin Coal Area

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: _____ - SW - SE - SE

Location of Well: County: Montgomery

330 feet from ☐ N / ☒ S Line of Section

1,170 feet from ☒ E / ☐ W Line of Section

Sec. 22 Twp. 33 S. R. 16 ☒ E ☐ W

Is Section: ☒ Regular or ☐ Irregular

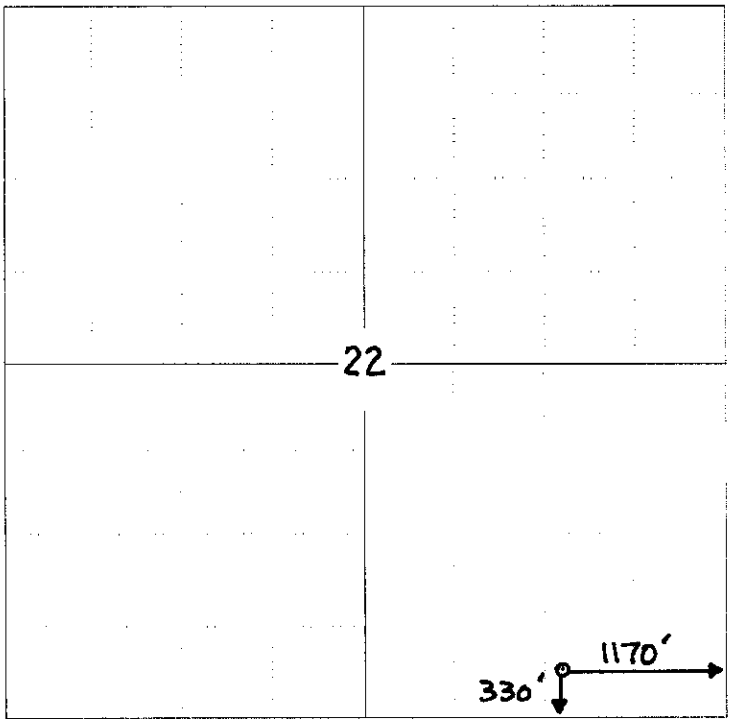
If Section is Irregular, locate well from nearest corner boundary.

Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW

PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)

(Show footage to the nearest lease or unit boundary line.)



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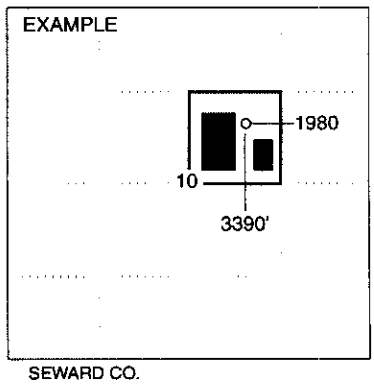
WICHITA, KS



NOTE: In all cases locate the spot of the proposed drilling locaton.

In plotting the proposed location of the well, *you must show*:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CDP-1
April 2004
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: CEP Mid-Continent LLC | License Number: 34027

Operator Address: 15 West Sixth Street, Suite 1400 Tulsa OK 74119

Contact Person: David Spitz, Engineering Manager | Phone Number: (918) 877-2912, ext. 309

Lease Name & Well No.: FELTS 22-15

Pit Location (QQQQ): ___ - SW - SE - SE

Type of Pit:
☐ Emergency Pit ☐ Burn Pit
☐ Settling Pit ☒ Drilling Pit
☐ Workover Pit ☐ Haul-Off Pit
(If WP Supply API No. or Year Drilled)

Pit is:
☒ Proposed ☐ Existing
If Existing, date constructed: ___
Pit capacity: 1,710 (bbls)

Sec. 22 Twp. 33 R. 16 ☒ East ☐ West
330 Feet from ☐ North / ☒ South Line of Section
1,170 Feet from ☒ East / ☐ West Line of Section
Montgomery County

Is the pit located in a Sensitive Ground Water Area? ☒ Yes ☐ No

Chloride concentration: ___ mg/l
(For Emergency Pits and Settling Pits only)

Is the bottom below ground level? ☒ Yes ☐ No

Artificial Liner? ☐ Yes ☒ No

How is the pit lined if a plastic liner is not used?
Native clays

Pit dimensions (all but working pits): 30 Length (feet) 40 Width (feet) ☐ N/A: Steel Pits

Depth from ground level to deepest point: 8 (feet) ☐ No Pit

If the pit is lined give a brief description of the liner material, thickness and installation procedure.
N/A

Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.
N/A

Distance to nearest water well within one-mile of pit
N/A 5200 feet Depth of water well 123 feet

Depth to shallowest fresh water 22 feet.
Source of information:
☐ measured ☐ well owner ☐ electric log ☒ KDWR

Emergency, Settling and Burn Pits ONLY:
Producing Formation: ___
Number of producing wells on lease: ___
Barrels of fluid produced daily: ___
Does the slope from the tank battery allow all spilled fluids to flow into the pit? ☐ Yes ☐ No

Drilling, Workover and Haul-Off Pits ONLY:
Type of material utilized in drilling/workover: Fresh water
Number of working pits to be utilized: 1
Abandonment procedure: Air dried and backfilled
Drill pits must be closed within 365 days of spud date.

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I hereby certify that the above statements are true and correct to the best of my knowledge and belief.

11-6-08
Date

Signature of Applicant or Agent

15-125-31844-00-00

KCC OFFICE USE ONLY Steel Pit ☐ RFAC ☒ RFAS ☐

Date Received: 11/10/08 Permit Number: ___ Permit Date: 12/8/08 Lease Inspection: ☒ Yes ☐ No

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

KANSAS
CORPORATION COMMISSION

Kathleen Sebelius, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner

December 8, 2008

CEP Mid Continent LLC
15 West 6th St Ste 1400
Tulsa, OK 74119-5415

RE: Drilling Pit Application
Knisley Lease Well No. 22-15
SE/4 Sec. 22-33S-16E
Montgomery County, Kansas

Dear Sir or Madam:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 432-2300 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.

If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,

Kathy Haynes

Kathy Haynes
Environmental Protection and Remediation Department

cc: File

15-125-31846-01-00

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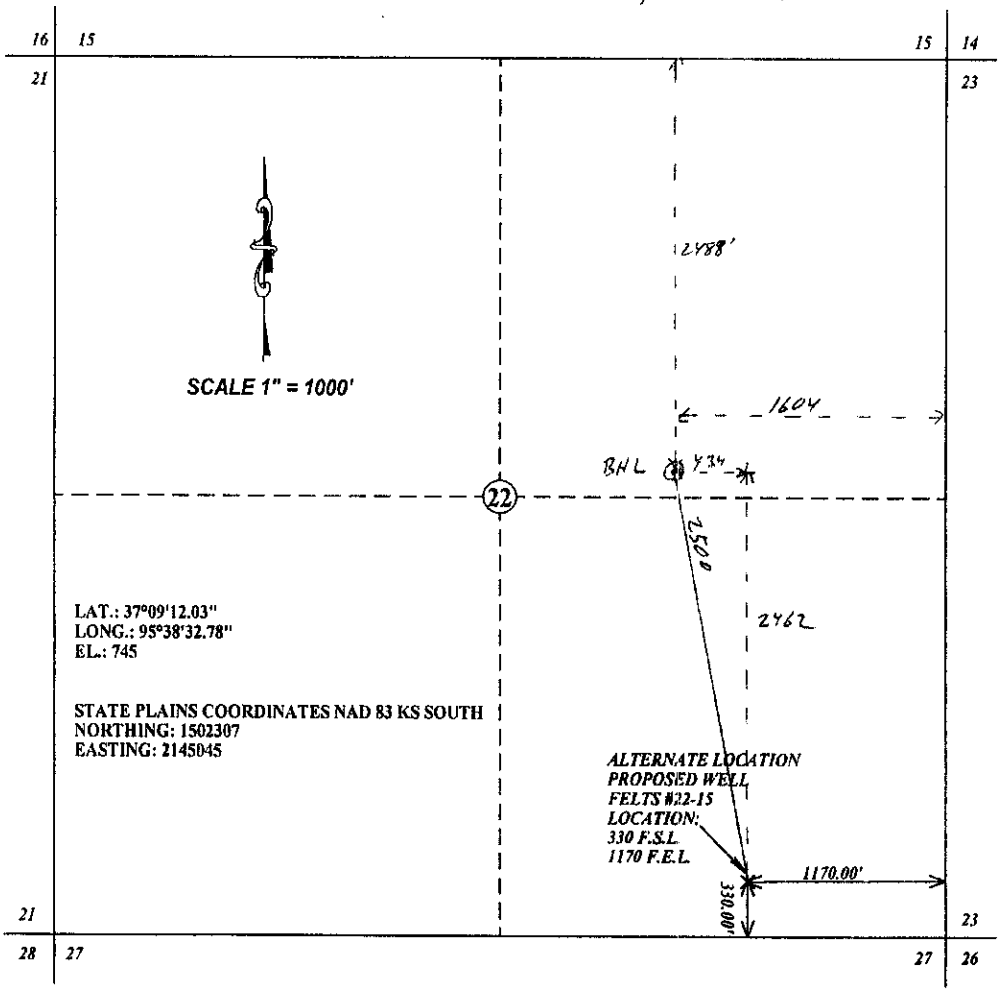
NOV 10 2008

CONSERVATION DIVISION
WICHITA, KS

WELL LOCATION
STANDARD SECTION 22,
T-33-S, R-16-E, P.M.
MONTGOMERY COUNTY, KANSAS



This well location represents a well site and does not represent a boundary survey. This site was located in accordance with the Laws of the State of Kansas and this sketch shows the results of this well location. This well location has been very carfully located on the ground according to the latest survey records, maps and topos available to us, but its accuracy is not guaranteed. Review this well location and notify Commercial Land Surveys, Inc., immediately of any discrepancy.

1" = 67'

SCALE 1" = ~~1000'~~ 1066'	DATE 09/11/08		FOR: CEP MID-CONTINENT, LLC 15 WEST 6TH STREET 14TH FLOOR TUSLA, OK 74119-5415
SHEET 1 OF 1	DATE REVISED 10/17/08	COMMERCIAL LAND SURVEYS INC 580-759-3886 RT 2 BOX 191B STRATFORD, OK 74872	
DRAWN BY: D.L.	PROJECT# CLS-08-3282		
CHECKED BY: F.W.D	DATE OF SURVEY 09/10/08		ORDERED BY: PENNEY SNYDER

Proposed : RJT 11/5/08

15125-31846-01-00

Constellation Energy Partners LLC

Revised--Geological Well Prognosis

		Surf Loc	BHL
API#:	Qtr/Qtr:	S2 SE	SW NE
Well Name: **Felts**	Section:	22	22
Well Number: **22-15**	Township:	33S	33S
Field: Kanmap	Range:	16E	16E
Lease: Felts	Footage Call:	330' FSL, 1170' FEL	
County: Montgomery	Elevation(ft):	745 GL	
State: Kansas		750 KB-est	
	Latitude:	37° 09' 12.03" N	
	Longitude:	95° 38' 32.78" W	

Casing Details

Surface Hole(in):	Production Hole(in):
Surface Casing(in):	Production Casing(in):
Surface Depth(ft):	**Total Depth(ft):**

Formation Tops	Top ft, md (KB)	Thickness ft	Sub Sea Top ft
Higginsville	512		238
L Osage	548		202
Mulky	578		172
IP	606		144
Bev	616		134
Cr	637		113
Min	681		70
Tebo	735		16
Weir Pitt	785	2.5	-35

Notes

Lat/ Lon and ground level elevation represent the staked location by CLSI

Objective

Drill to KOP and prep for Weir Pitt Horizontal

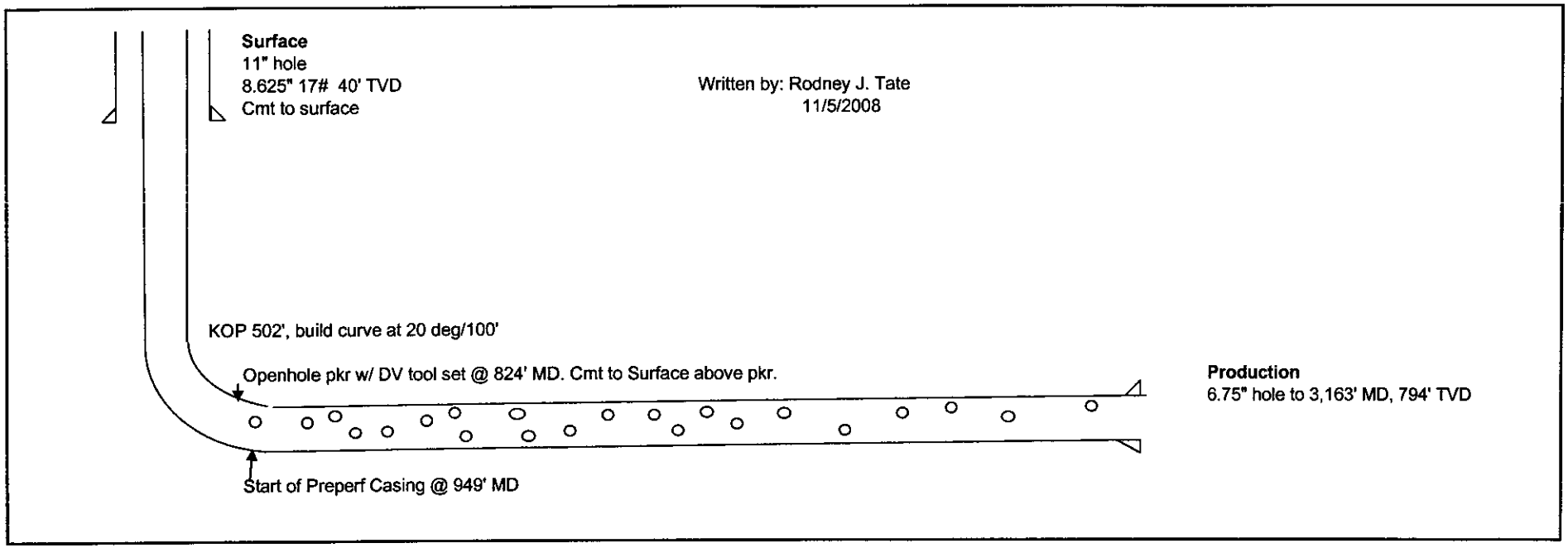
350 ° Azimuth (True North)
787 ft. (KB) TVD, Zero VS
788 ft. (KB) TVD, 150' VS
789 ft. (KB) TVD, 500' VS
794 ft. (KB) TVD, 2000' VS
89.8 ° dip along well path
2500 ft. VS, TD

BHL Target: West of Felts 8A-22

15-125-30846-01-00

Proposed Well Felts 22-15 Wellbore Diagram
Proposed Surface Loc: SE/4 Sec 22 T33S – R16E - Kanmap
Proposed Surface Loc: 330' FSL, 1,170' FEL, ELEV 745'
Proposed Bottomhole Loc: NE/4 Sec 22 T33S – R16E
Proposed Bottomhole Loc, Start of Target: 611' FSL, 1,220' FEL Sec 22
Proposed Bottomhole Loc, End of Target: 2,488' FNL, 1,604' FEL Sec 22 Azim 350°
Proposed Vertical Section: 2,500'
Proposed Lateral Length: 2,215'

	Size	Wt	# jts.	Length	MD	TVD
Surface Casing	7"	17#	NA	40.00	40.00	40
Production Casing	4.5"	10.5#	25	796.00	796.00	747
Stage Tool	4.5"			2.00	798.00	749
Ann. Csg. Pkr	4.5"			26.00	824.00	761
Production Casing	4.5"	10.5#	2	62.00	886.00	777
4.5" x 3.5" X-over				1.00	887.00	778
Blank Liner	3.5"	9.3#	2	62.00	949.00	788
Preperf Liner	3.5"	9.3#	68	2,180.00	3,129.00	794
tapered perf liner	3.5"	9.3#	1	31.00	3,160.00	794



Date Printed 11/5/2008, 3:06 PM

Felts 22-15 Drilling Procedure **Written by: Rodney J. Tate 11/05/08**

Constellation Energy Partners Mid-Continent, LLC
SE/4 Section 22 T33S – R16E, Montgomery Co., KS
Surface Location: 330' FSL, 1,170' FEL

15-125-31846-01-00

Objective:
Drill a horizontal lateral into the Weir-Pitt coal. Run 3.5" casing with the pre-perforated casing in the lateral along with a external cement packer above the lateral. Circulate cement above the ECP to surface. Run tubing, rods and pump and put on production.

1.) MIRU drilling rig. Drill approx 40' of 11" hole. Run 8.625" 17# casing. Circulate cement to surface. (footage contract).

2.) Drill to 499.5' MD with 6.75" hammer bit. Load hole with produce water and wait for directional rig and services.

3.) PU 2 or 3 type 6.25" bit, near bit gamma, motor, float sub, UBHO, NMDC, 3.5" IF DP. TIH.

4.) Drill a 6.75" hole, 350° azimuth at a build rate approximately 20.00°/100' to an approximate TVD of 786', 948.5' MD or at an inclination of 89.8°. Hold angle until Weir-Pitt coal is found. Drill hole with fresh water, and polymer sweeps as needed. TOH with build assembly.

5.) TIH with hold assembly. Drill approximately 2,214.6' of coal or more if able. Drill hole with fresh water, and polymer sweeps as needed. Estimated TD is 3,163' MD and 793.7' TVD. TOH. LD directional tools and DP.

6.) PU 3.5" 9.3# pre-perforated casing with turn down collars, bottom joint should be tapered, ECP, 4.5" 10.5# above ECP to surface. Inflate ECP. Open port hole above ECP and cmt to surface. Release drilling rig.

Date Printed: 11/5/2008 3:07:53 PM

Scientific Drilling International
Planning Report

15-125-31846-01-00

Company:	Constellation Energy Partners	**Date:** 11/4/2008	**Time:** 09:15:40	**Page:**	1
Field:	Montgomery County, KS	**Co-ordinate(NE) Reference:**	Well: Felts 22-15, True North		
Site:	Section 22 - 33S - 16E	**Vertical (TVD) Reference:**	Felts 22-15 750.0		
Well:	Felts 22-15	**Section (VS) Reference:**	Well (0.00N,0.00E,350.00Azi)		
Wellpath:	Original Wellpath	**Plan:**	Plan #1		

Field: Montgomery County, KS
Montgomery County, KS

Map System:	US State Plane Coordinate System 1983	**Map Zone:**	Kansas, Southern Zone
Geo Datum:	GRS 1980	**Coordinate System:**	Well Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	igrf2005

Site: Section 22 - 33S - 16E

Sec 22-33S-16E

Site Position:		**Northing:**	ft	**Latitude:**	
From:	Lease Line	**Easting:**	ft	**Longitude:**	
Position Uncertainty:	0.0 ft			**North Reference:**	True
Ground Level:	0.0 ft			**Grid Convergence:**	1.76 deg

Well: Felts 22-15
Felts 22-15

Slot Name:

Well Position:	+N/-S	0.0 ft	**Northing:**	1502306.17 ft	**Latitude:**	37 9 12.040 N
	+E/-W	0.0 ft	**Easting :**	2144898.69 ft	**Longitude:**	95 38 34.640 W
Position Uncertainty:		0.0 ft				

Wellpath: Original Wellpath
Original Wellpath Felts 22-15

Current Datum:	Felts 22-15	**Height**	750.0 ft	**Above System Datum:**	Mean Sea Level
Magnetic Data:	10/8/2008			**Declination:**	3.46 deg
Field Strength:	52432 nT			**Mag Dip Angle:**	65.73 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	0.0	0.0	0.0	350.00

Plan: Plan #1
Felts 22-15 SHL: 330 FSL 1320 FEL

Principal:	Yes	**Date Composed:**	10/8/2008
		Version:	1
		Tied-to:	From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.0	0.00	350.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
499.5	0.00	350.00	499.5	0.0	0.0	0.00	0.00	0.00	0.00	
948.5	89.80	350.00	786.0	281.1	-49.6	20.00	20.00	0.00	350.00	
3163.1	89.80	350.00	793.7	2462.0	-434.1	0.00	0.00	0.00	0.00	

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.0	0.00	350.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
499.5	0.00	350.00	499.5	0.0	0.0	0.0	0.00	0.00	0.00	350.00

Section 2 : Start Build 20.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
512.0	2.50	350.00	512.0	0.3	0.0	0.3	20.00	20.00	0.00	0.00
525.0	5.10	350.00	525.0	1.1	-0.2	1.1	20.00	20.00	0.00	0.00
548.2	9.75	350.00	548.0	4.1	-0.7	4.1	20.00	20.00	0.00	0.00
550.0	10.10	350.00	549.7	4.4	-0.8	4.4	20.00	20.00	0.00	0.00
575.0	15.10	350.00	574.1	9.7	-1.7	9.9	20.00	20.00	0.00	0.00
579.1	15.91	350.00	578.0	10.8	-1.9	11.0	20.00	20.00	0.00	0.00
600.0	20.10	350.00	598.0	17.2	-3.0	17.4	20.00	20.00	0.00	0.00
608.7	21.83	350.00	606.1	20.2	-3.6	20.6	20.00	20.00	0.00	0.00
619.6	24.01	350.00	616.1	24.4	-4.3	24.8	20.00	20.00	0.00	0.00
625.0	25.10	350.00	621.0	26.6	-4.7	27.0	20.00	20.00	0.00	0.00
643.1	28.71	350.00	637.1	34.7	-6.1	35.2	20.00	20.00	0.00	0.00
650.0	30.10	350.00	643.2	38.0	-6.7	38.6	20.00	20.00	0.00	0.00
675.0	35.10	350.00	664.2	51.3	-9.0	52.1	20.00	20.00	0.00	0.00

Scientific Drilling International
Planning Report

15-125-31846-0100

Company:	Constellation Energy Partners	**Date:** 11/4/2008	**Time:** 09:15:40	**Page:**	2
Field:	Montgomery County, KS	**Co-ordinate(NE) Reference:**	Well: Felts 22-15, True North		
Site:	Section 22 - 33S - 16E	**Vertical (TVD) Reference:**	Felts 22-15 750.0		
Well:	Felts 22-15	**Section (VS) Reference:**	Well (0.00N,0.00E,350.00Azi)		
Wellpath:	Original Wellpath	**Plan:**	Plan #1		

Section 2 : Start Build 20.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
696.4	39.37	350.00	681.2	64.0	-11.3	65.0	20.00	20.00	0.00	0.00
700.0	40.10	350.00	684.0	66.3	-11.7	67.3	20.00	20.00	0.00	0.00
725.0	45.10	350.00	702.4	83.0	-14.6	84.2	20.00	20.00	0.00	0.00
750.0	50.10	350.00	719.3	101.1	-17.8	102.7	20.00	20.00	0.00	0.00
775.0	55.10	350.00	734.5	120.7	-21.3	122.6	20.00	20.00	0.00	0.00
776.7	55.43	350.00	735.4	122.1	-21.5	123.9	20.00	20.00	0.00	0.00
800.0	60.10	350.00	747.9	141.5	-24.9	143.7	20.00	20.00	0.00	0.00
825.0	65.10	350.00	759.4	163.3	-28.8	165.8	20.00	20.00	0.00	0.00
850.0	70.10	350.00	768.9	186.1	-32.8	188.9	20.00	20.00	0.00	0.00
875.0	75.10	350.00	776.4	209.6	-37.0	212.8	20.00	20.00	0.00	0.00
900.0	80.10	350.00	781.7	233.6	-41.2	237.2	20.00	20.00	0.00	0.00
925.0	85.10	350.00	785.0	258.0	-45.5	262.0	20.00	20.00	0.00	0.00
947.1	89.53	350.00	786.0	279.8	-49.3	284.1	20.00	20.00	0.00	0.00
948.5	89.80	350.00	786.0	281.1	-49.6	285.5	20.00	20.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1000.0	89.80	350.00	786.2	331.8	-58.5	337.0	0.00	0.00	0.00	0.00
1100.0	89.80	350.00	786.5	430.3	-75.9	437.0	0.00	0.00	0.00	0.00
1200.0	89.80	350.00	786.9	528.8	-93.2	537.0	0.00	0.00	0.00	0.00
1300.0	89.80	350.00	787.2	627.3	-110.6	637.0	0.00	0.00	0.00	0.00
1400.0	89.80	350.00	787.6	725.8	-128.0	737.0	0.00	0.00	0.00	0.00
1500.0	89.80	350.00	787.9	824.2	-145.3	837.0	0.00	0.00	0.00	0.00
1600.0	89.80	350.00	788.3	922.7	-162.7	937.0	0.00	0.00	0.00	0.00
1700.0	89.80	350.00	788.6	1021.2	-180.1	1037.0	0.00	0.00	0.00	0.00
1800.0	89.80	350.00	789.0	1119.7	-197.4	1137.0	0.00	0.00	0.00	0.00
1900.0	89.80	350.00	789.3	1218.2	-214.8	1237.0	0.00	0.00	0.00	0.00
2000.0	89.80	350.00	789.7	1316.6	-232.2	1336.9	0.00	0.00	0.00	0.00
2100.0	89.80	350.00	790.0	1415.1	-249.5	1436.9	0.00	0.00	0.00	0.00
2200.0	89.80	350.00	790.4	1513.6	-266.9	1536.9	0.00	0.00	0.00	0.00
2300.0	89.80	350.00	790.7	1612.1	-284.3	1636.9	0.00	0.00	0.00	0.00
2400.0	89.80	350.00	791.1	1710.6	-301.6	1736.9	0.00	0.00	0.00	0.00
2500.0	89.80	350.00	791.4	1809.0	-319.0	1836.9	0.00	0.00	0.00	0.00
2600.0	89.80	350.00	791.8	1907.5	-336.3	1936.9	0.00	0.00	0.00	0.00
2700.0	89.80	350.00	792.1	2006.0	-353.7	2036.9	0.00	0.00	0.00	0.00
2800.0	89.80	350.00	792.5	2104.5	-371.1	2136.9	0.00	0.00	0.00	0.00
2900.0	89.80	350.00	792.8	2203.0	-388.4	2236.9	0.00	0.00	0.00	0.00
3000.0	89.80	350.00	793.2	2301.4	-405.8	2336.9	0.00	0.00	0.00	0.00
3100.0	89.80	350.00	793.5	2399.9	-423.2	2436.9	0.00	0.00	0.00	0.00
3163.1	89.80	350.00	793.7	2462.0	-434.1	2500.0	0.00	0.00	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
499.5	0.00	350.00	499.5	0.0	0.0	0.0	0.00	0.00	0.00	
512.0	2.50	350.00	512.0	0.3	0.0	0.3	20.00	20.00	0.00	Higginsville
525.0	5.10	350.00	525.0	1.1	-0.2	1.1	20.00	20.00	0.00	
548.2	9.75	350.00	548.0	4.1	-0.7	4.1	20.00	20.00	0.00	L Osage
550.0	10.10	350.00	549.7	4.4	-0.8	4.4	20.00	20.00	0.00	
575.0	15.10	350.00	574.1	9.7	-1.7	9.9	20.00	20.00	0.00	
579.1	15.91	350.00	578.0	10.8	-1.9	11.0	20.00	20.00	0.00	Mulky
600.0	20.10	350.00	598.0	17.2	-3.0	17.4	20.00	20.00	0.00	
608.7	21.83	350.00	606.1	20.2	-3.6	20.6	20.00	20.00	0.00	IP
619.6	24.01	350.00	616.1	24.4	-4.3	24.8	20.00	20.00	0.00	Bev
625.0	25.10	350.00	621.0	26.6	-4.7	27.0	20.00	20.00	0.00	
643.1	28.71	350.00	637.1	34.7	-6.1	35.2	20.00	20.00	0.00	Cr
650.0	30.10	350.00	643.2	38.0	-6.7	38.6	20.00	20.00	0.00	
675.0	35.10	350.00	664.2	51.3	-9.0	52.1	20.00	20.00	0.00	
696.4	39.37	350.00	681.2	64.0	-11.3	65.0	20.00	20.00	0.00	Min

Scientific Drilling International

15-125-31846-01-00

Planning Report

Company:	Constellation Energy Partners	**Date:** 11/4/2008	**Time:** 09:15:40	**Page:**	3
Field:	Montgomery County, KS	**Co-ordinate(NE) Reference:**	Well: Felts 22-15, True North		
Site:	Section 22 - 33S - 16E	**Vertical (TVD) Reference:**	Felts 22-15 750.0		
Well:	Felts 22-15	**Section (VS) Reference:**	Well (0.00N,0.00E,350.00Azi)		
Wellpath:	Original Wellpath	**Plan:**	Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
700.0	40.10	350.00	684.0	66.3	-11.7	67.3	20.00	20.00	0.00	
725.0	45.10	350.00	702.4	83.0	-14.6	84.2	20.00	20.00	0.00	
750.0	50.10	350.00	719.3	101.1	-17.8	102.7	20.00	20.00	0.00	
775.0	55.10	350.00	734.5	120.7	-21.3	122.6	20.00	20.00	0.00	
776.7	55.43	350.00	735.4	122.1	-21.5	123.9	20.00	20.00	0.00	Tebo
800.0	60.10	350.00	747.9	141.5	-24.9	143.7	20.00	20.00	0.00	
825.0	65.10	350.00	759.4	163.3	-28.8	165.8	20.00	20.00	0.00	
850.0	70.10	350.00	768.9	186.1	-32.8	188.9	20.00	20.00	0.00	
875.0	75.10	350.00	776.4	209.6	-37.0	212.8	20.00	20.00	0.00	
900.0	80.10	350.00	781.7	233.6	-41.2	237.2	20.00	20.00	0.00	
925.0	85.10	350.00	785.0	258.0	-45.5	262.0	20.00	20.00	0.00	
947.1	89.53	350.00	786.0	279.8	-49.3	284.1	20.00	20.00	0.00	Weir Pitt
948.5	89.80	350.00	786.0	281.1	-49.6	285.5	20.00	20.00	0.00	
1000.0	89.80	350.00	786.2	331.8	-58.5	337.0	0.00	0.00	0.00	
1100.0	89.80	350.00	786.5	430.3	-75.9	437.0	0.00	0.00	0.00	
1200.0	89.80	350.00	786.9	528.8	-93.2	537.0	0.00	0.00	0.00	
1300.0	89.80	350.00	787.2	627.3	-110.6	637.0	0.00	0.00	0.00	
1400.0	89.80	350.00	787.6	725.8	-128.0	737.0	0.00	0.00	0.00	
1500.0	89.80	350.00	787.9	824.2	-145.3	837.0	0.00	0.00	0.00	
1600.0	89.80	350.00	788.3	922.7	-162.7	937.0	0.00	0.00	0.00	
1700.0	89.80	350.00	788.6	1021.2	-180.1	1037.0	0.00	0.00	0.00	
1800.0	89.80	350.00	789.0	1119.7	-197.4	1137.0	0.00	0.00	0.00	
1900.0	89.80	350.00	789.3	1218.2	-214.8	1237.0	0.00	0.00	0.00	
2000.0	89.80	350.00	789.7	1316.6	-232.2	1336.9	0.00	0.00	0.00	
2100.0	89.80	350.00	790.0	1415.1	-249.5	1436.9	0.00	0.00	0.00	
2200.0	89.80	350.00	790.4	1513.6	-266.9	1536.9	0.00	0.00	0.00	
2300.0	89.80	350.00	790.7	1612.1	-284.3	1636.9	0.00	0.00	0.00	
2400.0	89.80	350.00	791.1	1710.6	-301.6	1736.9	0.00	0.00	0.00	
2500.0	89.80	350.00	791.4	1809.0	-319.0	1836.9	0.00	0.00	0.00	
2600.0	89.80	350.00	791.8	1907.5	-336.3	1936.9	0.00	0.00	0.00	
2700.0	89.80	350.00	792.1	2006.0	-353.7	2036.9	0.00	0.00	0.00	
2800.0	89.80	350.00	792.5	2104.5	-371.1	2136.9	0.00	0.00	0.00	
2900.0	89.80	350.00	792.8	2203.0	-388.4	2236.9	0.00	0.00	0.00	
3000.0	89.80	350.00	793.2	2301.4	-405.8	2336.9	0.00	0.00	0.00	
3100.0	89.80	350.00	793.5	2399.9	-423.2	2436.9	0.00	0.00	0.00	
3163.1	89.80	350.00	793.7	2462.0	-434.1	2500.0	0.00	0.00	0.00	

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
512.0	512.0	Higginsville		0.20	350.00
548.2	548.0	L Osage		0.20	350.00
579.1	578.0	Mulky		0.20	350.00
608.7	606.1	IP		0.20	350.00
619.6	616.1	Bev		0.20	350.00
643.1	637.1	Cr		0.20	350.00
696.4	681.2	Min		0.20	350.00
776.7	735.4	Tebo		0.20	350.00
947.1	786.0	Weir Pitt		0.20	350.00

15-125-31846-0100

Scientific Drilling

Constellation Energy Partners

Field: Montgomery County, KS
Site: Section 22 - 35S - 16E
Well: Felts 22-15
Wellpath: Original Wellpath
Plan: Plan #1

Azimuths to True North
Magnetic North: 3.46°

Magnetic Field
Strength: 52432nT
Dip Angle: 65.73°
Date: 10/8/2008
Model: igrf2005

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	350.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	499.5	0.00	350.00	499.5	0.0	0.0	0.00	0.00	0.0	
3	948.5	89.80	350.00	786.0	281.1	-49.6	20.00	350.00	285.5	
4	3163.1	89.80	350.00	793.7	2462.0	-434.1	0.00	0.00	2500.0	

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
TGT Felts 22-15	793.7	2462.0	-434.1	Point

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	512.0	512.0	Higginsville
2	548.0	548.2	L Onage
3	578.0	579.1	Mulky
4	606.1	608.2	IP
5	615.1	619.6	Bev
6	637.1	643.1	Cr
7	681.2	694.4	Min
8	733.6	776.7	Tebo
9	786.0	947.1	Weir Pitt