

GAS _____
OIL _____



20 N. BROADWAY, SUITE 1500, OKLAHOMA CITY, OK 73102

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
(Consolidated Case No.'s 14502 & 14503) Exhibit No. 5
Submitted by:
DEVON ENERGY PRODUCTION COMPANY, L.P.

DRILLING _____
COMPLETION _____

**AUTHORITY FOR EXPENDITURE
DRILLING/COMPLETION COST ESTIMATE**

Hearing Date: July 8, 2010

AFE NO.: 152255
Lease Name - Well #: Cooter 16 St 5H
Legal Description: SE/4 Sec. 16-T25S-R29E

AFE Date: 01/04/2010

County/Parish: Eddy
State: New Mexico
Prepared By: Cromer, Jim

AUTHORITY REQUESTED TO:

Drill and complete an Avalon Shale horizontal well.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
011	DRILL-LAND, LEGAL	5,000	0	0	5,000
012	DRILL-SURF DMGS/RIGHT OF WAY	10,000	0	0	10,000
013	COMP-LOCATION, ROADS, PITS, FNS	0	38,000	0	38,000
013	DRILL-LOCATION,ROADS, PITS, FNCS	75,000	0	0	75,000
019	DRILL-OTHER SITE PREPARATION	5,000	0	0	5,000
043	DAYWORK	399,000	33,000	0	432,000
044	DRILL-MOB/DEMobilIZATION	170,000	0	0	170,000
045	DIRECTIONAL DRILLING	104,000	0	0	104,000
049	OTHER CONTRACTOR SERVICES	0	600	0	600
101	COMPL-DRILL BITS	0	1,300	0	1,300
101	DRILL BITS	58,000	0	0	58,000
102	COMPLETION FLUIDS	0	11,000	0	11,000
102	DRILL-DRILLING FLUIDS	52,000	0	0	52,000
103	DRILL-SURFACE RENTAL TOOLS & EQUIP	33,000	0	0	33,000
103	SURFACE RENTAL TOOLS & EQUIP (incl. foam/air u	0	46,800	0	46,800
104	COMPL-DOWNHOLE RNTL TOOLS & EQ	0	116,600	0	116,600
104	DOWNHOLE RENTAL TOOLS & EQUIPMENT	33,000	0	0	33,000
105	CLOSED LOOP SYSTEM COSTS	100,000	0	0	100,000
201	DRILL-WELD, ROUTABOUT & OTHER	22,000	0	0	22,000
203	DRILL-TRUCKING & HOTSHOT	5,000	0	0	5,000
203	TRUCKING & HOTSHOT	0	6,500	0	6,500
251	CEMENT & CEMENTING SERVICES	56,000	121,000	0	177,000
254	FLOWBACK EQUIP-TESTING SERVICES	0	41,300	0	41,300
255	DRILL-LOGGING	150,000	0	0	150,000
255	LOGGING	0	44,000	0	44,000
257	DRILL-OPEN HOLE EVALUATION	13,000	0	0	13,000
259	CASING & TUBULAR SERVICES	39,000	3,900	0	42,900
261	COMPL-MISC.PUMPING SERVICES	0	11,000	0	11,000
265	STIMULATION & GRAVEL PACK	0	1,100,500	0	1,100,500
269	COMPL - CONSULTANTS	0	27,000	0	27,000
269	CONSULTANTS	35,000	0	0	35,000
302	DRILL-WATER	30,000	0	0	30,000
302	WATER	0	55,000	0	55,000
307	DRILL - DYED DIESEL	60,000	0	0	60,000
501	PULLING & SWABBING UNITS	0	79,400	0	79,400
552	DRILL-SAFETY EQUIP & TRAINING	1,000	0	0	1,000

Please include/attach well requirement data with ballot.

GAS _____
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**AUTHORITY FOR EXPENDITURE
 DRILLING/COMPLETION COST ESTIMATE**

DRILLING _____
 COMPLETION _____

AFE NO.: 152255
 Lease Name - Well #: Cooter 16 St 5
 Legal Description: SE/4 Sec. 16-T25S-R29E

AFE Date: 01/04/2010

County/Parish: Eddy
 State: New Mexico
 Prepared By: Cromer, Jim

AUTHORITY REQUESTED TO:

Drill and complete an Avalon Shale horizontal well.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
559	COMPL-ENVMNT & SAFETY MISC	0	5,500	0	5,500
721	DRILL-DRILLING OVERHEAD	8,000	0	0	8,000
801	COMPL-COMPANY FIELD LABOR	0	11,000	0	11,000
895	DRILL-TAXES -OTHER IDC	94,000	0	0	94,000
Total Intangibles		1,557,000	1,753,400	0	3,310,400
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
201	COMPL-WELD,ROUST & OTHER	0	40,000	0	40,000
286	COMPL-SCADA-EQUIPMENT	0	20,000	0	20,000
901	SURFACE CASING	28,000	0	0	28,000
902	INTERMEDIATE CASING	87,000	0	0	87,000
903	PRODUCTION CASING	0	228,600	0	228,600
904	CONDUCTOR CASING/DRIVE PIPE	25,000	0	0	25,000
915	TUBING	0	67,500	0	67,500
921	SUCKER RODS	0	28,000	0	28,000
925	SUBSURFACE EQUIP	0	22,600	0	22,600
931	WELLHEAD VALVES & EQUIPMENT	12,000	8,400	0	20,400
935	ARTIFICIAL LIFT EQUIPMENT	0	121,000	0	121,000
941	TANKS	0	160,000	0	160,000
945	TREATING EQUIPMENT	0	60,000	0	60,000
962	COMPL-STEEL & LINE PIPE	0	17,800	0	17,800
964	COMPL-METERS AND FITTINGS	0	40,000	0	40,000
986	COMPL-SURFACE-OTH TANG EQUIPMENT	0	31,700	0	31,700
Total Tangibles		152,000	845,600	0	997,600
TOTAL ESTIMATED COSTS		1,709,000	2,599,000	0	4,308,000

Note: Costs and participations are generally estimates. Billings will be based on actual expenditures

WORKING INTEREST OWNER APPROVAL

Company name: _____

Signature: _____ Print Name: _____

Title: _____

Date: _____

Email: _____

Please include/attach well requirement data with ballot.

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OIL _____



20 N. BROADWAY, SUITE 1500, OKLAHOMA CITY, OK 73102

**AUTHORITY FOR EXPENDITURE
DRILLING/COMPLETION COST ESTIMATE**

DRILLING _____
COMPLETION _____

AFE NO.: 152256
Lease Name - Well #: Cooter 16 St 6H
Legal Description: SE/4 Sec. 16-T25S-R29E

AFE Date: 01/04/2010

County/Parish: Eddy
State: New Mexico
Prepared By: Cromer, Jim

AUTHORITY REQUESTED TO:

Drill and complete an Avalon Shale horizontal well.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
011	DRILL-LAND, LEGAL	5,000	0	0	5,000
012	DRILL-SURF DMGS/RIGHT OF WAY	10,000	0	0	10,000
013	COMP-LOCATION, ROADS, PITS, FNS	0	38,000	0	38,000
013	DRILL-LOCATION,ROADS, PITS, FNCS	75,000	0	0	75,000
019	DRILL-OTHER SITE PREPARATION	5,000	0	0	5,000
043	DAYWORK	399,000	33,000	0	432,000
044	DRILL-MOB/DEMOBILIZATION	170,000	0	0	170,000
045	DIRECTIONAL DRILLING	104,000	0	0	104,000
049	OTHER CONTRACTOR SERVICES	0	600	0	600
101	COMPL-DRILL BITS	0	1,300	0	1,300
101	DRILL BITS	58,000	0	0	58,000
102	COMPLETION FLUIDS	0	11,000	0	11,000
102	DRILL-DRILLING FLUIDS	52,000	0	0	52,000
103	DRILL-SURFACE RENTAL TOOLS & EQUIP	33,000	0	0	33,000
103	SURFACE RENTAL TOOLS & EQUIP (incl. foam/air u	0	46,800	0	46,800
104	COMPL-DOWNHOLE RNTL TOOLS & EQ	0	116,600	0	116,600
104	DOWNHOLE RENTAL TOOLS & EQUIPMENT	33,000	0	0	33,000
105	CLOSED LOOP SYSTEM COSTS	100,000	0	0	100,000
201	DRILL-WELD, ROUTABOUT & OTHER	22,000	0	0	22,000
203	DRILL-TRUCKING & HOTSHOT	5,000	0	0	5,000
203	TRUCKING & HOTSHOT	0	6,500	0	6,500
251	CEMENT & CEMENTING SERVICES	56,000	121,000	0	177,000
254	FLOWBACK EQUIP-TESTING SERVICES	0	41,300	0	41,300
255	DRILL-LOGGING	150,000	0	0	150,000
255	LOGGING	0	44,000	0	44,000
257	DRILL-OPEN HOLE EVALUATION	13,000	0	0	13,000
259	CASING & TUBULAR SERVICES	39,000	3,900	0	42,900
261	COMPL-MISC.PUMPING SERVICES	0	11,000	0	11,000
265	STIMULATION & GRAVEL PACK	0	1,100,500	0	1,100,500
269	COMPL - CONSULTANTS	0	27,000	0	27,000
269	CONSULTANTS	35,000	0	0	35,000
302	DRILL-WATER	30,000	0	0	30,000
302	WATER	0	55,000	0	55,000
307	DRILL - DYED DIESEL	60,000	0	0	60,000
501	PULLING & SWABBING UNITS	0	79,400	0	79,400
552	DRILL-SAFETY EQUIP & TRAINING	1,000	0	0	1,000

Please include/attach well requirement data with ballot.

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**AUTHORITY FOR EXPENDITURE
 DRILLING/COMPLETION COST ESTIMATE**

DRILLING _____
 COMPLETION _____

AFE NO.: 152256
 Lease Name - Well #: Cooter 16 St 6
 Legal Description: SE/4 Sec. 16-T25S-R29E

AFE Date: 01/04/2010

County/Parish: Eddy
 State: New Mexico
 Prepared By: Cromer, Jim

AUTHORITY REQUESTED TO:

Drill and complete an Avalon Shale horizontal well.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
559	COMPL-ENVMNT & SAFETY MISC	0	5,500	0	5,500
721	DRILL-DRILLING OVERHEAD	8,000	0	0	8,000
801	COMPL-COMPANY FIELD LABOR	0	11,000	0	11,000
895	DRILL-TAXES -OTHER IDC	94,000	0	0	94,000
Total Intangibles		1,557,000	1,753,400	0	3,310,400
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
901	SURFACE CASING	28,000	0	0	28,000
902	INTERMEDIATE CASING	87,000	0	0	87,000
903	PRODUCTION CASING	0	228,600	0	228,600
904	CONDUCTOR CASING/DRIVE PIPE	25,000	0	0	25,000
915	TUBING	0	67,500	0	67,500
921	SUCKER RODS	0	28,000	0	28,000
925	SUBSURFACE EQUIP	0	22,600	0	22,600
931	WELLHEAD VALVES & EQUIPMENT	12,000	8,400	0	20,400
935	ARTIFICIAL LIFT EQUIPMENT	0	121,000	0	121,000
962	COMPL-STEEL & LINE PIPE	0	17,800	0	17,800
986	COMPL-SURFACE-OTH TANG EQUIPMENT	0	31,700	0	31,700
Total Tangibles		152,000	525,600	0	677,600
TOTAL ESTIMATED COSTS		1,709,000	2,279,000	0	3,988,000

Note: Costs and participations are generally estimates. Billings will be based on actual expenditures

WORKING INTEREST OWNER APPROVAL

Company name:

Signature: _____ Print Name: _____

Title: _____

Date: _____

Email: _____

Please include/attach well requirement data with ballot.

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**AUTHORITY FOR EXPENDITURE
DRILLING/COMPLETION COST ESTIMATE**

DRILLING _____
COMPLETION _____

AFE NO.: 152257
Lease Name - Well #: Cooter 16 St 7H
Legal Description: SE/4 Sec. 16-T25S-R29E

AFE Date: 01/04/2010

County/Parish: Eddy
State: New Mexico
Prepared By: Cromer, Jim

AUTHORITY REQUESTED TO:

Drill and complete an Avalon Shale horizontal well.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
011	DRILL-LAND, LEGAL	5,000	0	0	5,000
012	DRILL-SURF DMGS/RIGHT OF WAY	10,000	0	0	10,000
013	COMP-LOCATION, ROADS, PITS, FNS	0	38,000	0	38,000
013	DRILL-LOCATION,ROADS, PITS, FNCS	75,000	0	0	75,000
019	DRILL-OTHER SITE PREPARATION	5,000	0	0	5,000
043	DAYWORK	399,000	33,000	0	432,000
044	DRILL-MOB/DEMOBILIZATION	170,000	0	0	170,000
045	DIRECTIONAL DRILLING	104,000	0	0	104,000
049	OTHER CONTRACTOR SERVICES	0	600	0	600
101	COMPL-DRILL BITS	0	1,300	0	1,300
101	DRILL BITS	58,000	0	0	58,000
102	COMPLETION FLUIDS	0	11,000	0	11,000
102	DRILL-DRILLING FLUIDS	52,000	0	0	52,000
103	DRILL-SURFACE RENTAL TOOLS & EQUIP	33,000	0	0	33,000
103	SURFACE RENTAL TOOLS & EQUIP (incl. foam/air w	0	46,800	0	46,800
104	COMPL-DOWNHOLE RNTL TOOLS & EQ	0	116,600	0	116,600
104	DOWNHOLE RENTAL TOOLS & EQUIPMENT	33,000	0	0	33,000
105	CLOSED LOOP SYSTEM COSTS	100,000	0	0	100,000
201	DRILL-WELD, ROUTABOUT & OTHER	22,000	0	0	22,000
203	DRILL-TRUCKING & HOTSHOT	5,000	0	0	5,000
203	TRUCKING & HOTSHOT	0	6,500	0	6,500
251	CEMENT & CEMENTING SERVICES	56,000	121,000	0	177,000
254	FLOWBACK EQUIP-TESTING SERVICES	0	41,300	0	41,300
255	DRILL-LOGGING	150,000	0	0	150,000
255	LOGGING	0	44,000	0	44,000
257	DRILL-OPEN HOLE EVALUATION	13,000	0	0	13,000
259	CASING & TUBULAR SERVICES	39,000	3,900	0	42,900
261	COMPL-MISC.PUMPING SERVICES	0	11,000	0	11,000
265	STIMULATION & GRAVEL PACK	0	1,100,500	0	1,100,500
269	COMPL - CONSULTANTS	0	27,000	0	27,000
269	CONSULTANTS	35,000	0	0	35,000
302	DRILL-WATER	30,000	0	0	30,000
302	WATER	0	55,000	0	55,000
307	DRILL - DYED DIESEL	60,000	0	0	60,000
501	PULLING & SWABBING UNITS	0	79,400	0	79,400
552	DRILL-SAFETY EQUIP & TRAINING	1,000	0	0	1,000

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20 N. BROADWAY, SUITE 1500, OKLAHOMA CITY, OK 73102

**AUTHORITY FOR EXPENDITURE
 DRILLING/COMPLETION COST ESTIMATE**

DRILLING _____
 COMPLETION _____

AFE NO.: 152257
 Lease Name - Well #: Cooter 16 St 7
 Legal Description: SE/4 Sec. 16-T25S-R29E

AFE Date: 01/04/2010

County/Parish: Eddy
 State: New Mexico
 Prepared By: Cromer, Jim

AUTHORITY REQUESTED TO:

Drill and complete an Avalon Shale horizontal well.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
559	COMPL-ENVMNT & SAFETY MISC	0	5,500	0	5,500
721	DRILL-DRILLING OVERHEAD	8,000	0	0	8,000
801	COMPL-COMPANY FIELD LABOR	0	11,000	0	11,000
895	DRILL-TAXES -OTHER IDC	94,000	0	0	94,000
Total Intangibles		1,557,000	1,753,400	0	3,310,400
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
901	SURFACE CASING	28,000	0	0	28,000
902	INTERMEDIATE CASING	87,000	0	0	87,000
903	PRODUCTION CASING	0	228,600	0	228,600
904	CONDUCTOR CASING/DRIVE PIPE	25,000	0	0	25,000
915	TUBING	0	67,500	0	67,500
921	SUCKER RODS	0	28,000	0	28,000
925	SUBSURFACE EQUIP	0	22,600	0	22,600
931	WELLHEAD VALVES & EQUIPMENT	12,000	8,400	0	20,400
935	ARTIFICIAL LIFT EQUIPMENT	0	121,000	0	121,000
962	COMPL-STEEL & LINE PIPE	0	17,800	0	17,800
986	COMPL-SURFACE-OTH TANG EQUIPMENT	0	31,700	0	31,700
Total Tangibles		152,000	525,600	0	677,600
TOTAL ESTIMATED COSTS		1,709,000	2,279,000	0	3,988,000

Note: Costs and participations are generally estimates. Billings will be based on actual expenditures

WORKING INTEREST OWNER APPROVAL

Company name: _____

Signature: _____ Print Name: _____

Title: _____

Date: _____

Email: _____

Please include/attach well requirement data with ballot.

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 OIL _____



20 N. BROADWAY, SUITE 1500, OKLAHOMA CITY, OK 73102

**AUTHORITY FOR EXPENDITURE
 DRILLING/COMPLETION COST ESTIMATE**

DRILLING _____
 COMPLETION _____

AFE NO.: 152259
 Lease Name - Well #: Cooter 16 St 8
 Legal Description: SE/4 Sec. 16-T25S-R29E

AFE Date: 01/04/2010

County/Parish: Eddy
 State: New Mexico
 Prepared By: Cromer, Jim

AUTHORITY REQUESTED TO:

Drill and complete an Avalon Shale horizontal well.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
011	DRILL-LAND, LEGAL	5,000	0	0	5,000
012	DRILL-SURF DMGS/RIGHT OF WAY	10,000	0	0	10,000
013	COMP-LOCATION, ROADS, PITS, FNS	0	38,000	0	38,000
013	DRILL-LOCATION,ROADS, PITS, FNCS	75,000	0	0	75,000
019	DRILL-OTHER SITE PREPARATION	5,000	0	0	5,000
043	DAYWORK	399,000	33,000	0	432,000
044	DRILL-MOB/DEMOBILIZATION	170,000	0	0	170,000
045	DIRECTIONAL DRILLING	104,000	0	0	104,000
049	OTHER CONTRACTOR SERVICES	0	600	0	600
101	COMPL-DRILL BITS	0	1,300	0	1,300
101	DRILL BITS	58,000	0	0	58,000
102	COMPLETION FLUIDS	0	11,000	0	11,000
102	DRILL-DRILLING FLUIDS	52,000	0	0	52,000
103	DRILL-SURFACE RENTAL TOOLS & EQUIP	33,000	0	0	33,000
103	SURFACE RENTAL TOOLS & EQUIP (incl. foam/air u	0	46,800	0	46,800
104	COMPL-DOWNHOLE RNTL TOOLS & EQ	0	116,600	0	116,600
104	DOWNHOLE RENTAL TOOLS & EQUIPMENT	33,000	0	0	33,000
105	CLOSED LOOP SYSTEM COSTS	100,000	0	0	100,000
201	DRILL-WELD, ROUTABOUT & OTHER	22,000	0	0	22,000
203	DRILL-TRUCKING & HOTSHOT	5,000	0	0	5,000
203	TRUCKING & HOTSHOT	0	6,500	0	6,500
251	CEMENT & CEMENTING SERVICES	56,000	121,000	0	177,000
254	FLOWBACK EQUIP-TESTING SERVICES	0	41,300	0	41,300
255	DRILL-LOGGING	150,000	0	0	150,000
255	LOGGING	0	44,000	0	44,000
257	DRILL-OPEN HOLE EVALUATION	13,000	0	0	13,000
259	CASING & TUBULAR SERVICES	39,000	3,900	0	42,900
261	COMPL-MISC.PUMPING SERVICES	0	11,000	0	11,000
265	STIMULATION & GRAVEL PACK	0	1,100,500	0	1,100,500
269	COMPL - CONSULTANTS	0	27,000	0	27,000
269	CONSULTANTS	35,000	0	0	35,000
302	DRILL-WATER	30,000	0	0	30,000
302	WATER	0	55,000	0	55,000
307	DRILL - DYED DIESEL	60,000	0	0	60,000
501	PULLING & SWABBING UNITS	0	79,400	0	79,400
552	DRILL-SAFETY EQUIP & TRAINING	1,000	0	0	1,000

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20 N. BROADWAY, SUITE 1500, OKLAHOMA CITY, OK 73102

**AUTHORITY FOR EXPENDITURE
 DRILLING/COMPLETION COST ESTIMATE**

DRILLING _____
 COMPLETION _____

AFE NO.: 152259
 Lease Name - Well #: Cooter 16 St 8
 Legal Description: SE/4 Sec. 16-T25S-R29E

AFE Date: 01/04/2010

County/Parish: Eddy
 State: New Mexico
 Prepared By: Cromer, Jim

AUTHORITY REQUESTED TO:

Drill and complete an Avalon Shale horizontal well.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
559	COMPL-ENVMNT & SAFETY MISC	0	5,500	0	5,500
721	DRILL-DRILLING OVERHEAD	8,000	0	0	8,000
801	COMPL-COMPANY FIELD LABOR	0	11,000	0	11,000
895	DRILL-TAXES -OTHER IDC	94,000	0	0	94,000
Total Intangibles		1,557,000	1,753,400	0	3,310,400
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
901	SURFACE CASING	28,000	0	0	28,000
902	INTERMEDIATE CASING	87,000	0	0	87,000
903	PRODUCTION CASING	0	228,600	0	228,600
904	CONDUCTOR CASING/DRIVE PIPE	25,000	0	0	25,000
915	TUBING	0	67,500	0	67,500
921	SUCKER RODS	0	28,000	0	28,000
925	SUBSURFACE EQUIP	0	22,600	0	22,600
931	WELLHEAD VALVES & EQUIPMENT	12,000	8,400	0	20,400
935	ARTIFICIAL LIFT EQUIPMENT	0	121,000	0	121,000
962	COMPL-STEEL & LINE PIPE	0	17,800	0	17,800
986	COMPL-SURFACE-OTH TANG EQUIPMENT	0	31,700	0	31,700
Total Tangibles		152,000	525,600	0	677,600
TOTAL ESTIMATED COSTS		1,709,000	2,279,000	0	3,988,000

Note: Costs and participations are generally estimates. Billings will be based on actual expenditures

WORKING INTEREST OWNER APPROVAL

Company name: _____

Signature: _____ Print Name: _____

Title: _____

Date: _____

Email: _____

Please include/attach well requirement data with ballot.