

OIL ☒
GAS ☒

HUNTINGTON ENERGY, L.L.C.

PHONE (405) 840-9867

6301 Waterford Blvd. Suite 400
Oklahoma City, Oklahoma 73118

FAX (405) 840-2011

AUTHORIZATION FOR EXPENDITURE DRILLING/COMPLETION COST ESTIMATE

EXHIBIT #4

DRILLING ☒
RECOMPLETION ☐

AFE No.: Dtd 3/28/05
Lease Name - Well #: Canyon Largo Unit #458
Legal Description: E/2 Sec. 2-T25N-R7W

County or Parish, State: Rio Arriba, New Mexico
Field: Basin Dakota
Prepared By: D M Herritt

AUTHORITY REQUESTED FOR: Drill and complete 7500 ft Dakota

Account Number	Intangible Costs	Dry Hole	Completion	Lease
113	Description	Costs	Costs	Costs
DRILL SITE PREPARATION				
101	LAND AND LEGAL	1,000	0	1,000
102	SURFACE DAMAGES/RIGHT OF WAY	0	0	0
103	SURVEYS AND PERMITS	3,000	0	3,000
104	LOCATION, ROADS, PITS, FENCES	17,000	0	17,000
105	RATHOLE, CELLAR, CONDUCTOR	0	0	0
106	DEADMAN ANCHORS	700	0	700
120	OTHER DRILL SITE PREPARATION	0	0	0
DRILLING CONTRACTOR SERVICES				
201	TURNKEY DRILLING COSTS	0	0	0
202	FOOTAGE	0	0	0
203	DAYWORK W/DP \$8200/day total of 12 days	115,000	16,400	131,400
204	DAYWORK WO/DP	0	0	0
205	MOBILIZATION/DEMOBILIZATION	7,500	0	7,500
220	OTHER DRILLING CONTRACTOR SERVICES	0	0	0
MATERIALS AND SUPPLIES				
301	DRILL BITS	23,000	0	23,000
302	DRILLING MUD AND CHEMICALS	22,000	0	22,000
303	COMPLETION AND PACKER FLUIDS	0	0	0
304	FLOAT EQUIPMENT AND HARDWARE	1,000	2,500	3,500
305	MISCELLANEOUS RENTAL TOOLS AND EQUIPMENT	24,000	5,000	29,000
306	PACKER & RETRIEVABLE BRIDGE PLUG RENTAL	0	2,000	2,000
307	REVERSE CIRCULATING UNIT/POWER SWIVEL	0	0	0
308	DRILL PIPE/COLLARS/REAMER/STABILIZER RENTAL	0	0	0
309	TUBING RENTAL	0	0	0
310	CASING ROLLER/SCRAPER/SWAGE	0	0	0
311	SLIPS/ELEVATORS/SAFETY CLAMPS	0	0	0
313	BLOWOUT PREVENTOR/MANIFOLD/TIW VALVES	0	1,500	1,500
314	GENERATOR/LIGHT PLANT	0	0	0
320	OTHER MATERIALS AND SUPPLIES	2,000	2,500	4,500
POWER, FUEL, AND WATER				
401	ELECTRIC POWER	0	0	0
402	NATURAL GAS, GASOLINE, PROPANE, DIESEL	6,000	0	6,000
403	WATER (FRESH)	10,000	5,000	15,000
404	WATER (SALT OR CHEMICAL)	0	0	0
SPECIALIZED SERVICES				
501	CEMENT AND CEMENTING SERVICES	6,500	55,000	61,500
502	SQUEEZE CEMENTING OR PLUGGING	0	0	0
503	LOGGING SERVICES (OPEN HOLE)	0	0	0
504	LOGGING SERVICES (CASED HOLE)	0	14,000	14,000
505	DRILL STEM TEST	0	0	0
506	CORE AND CORE ANALYSIS	0	0	0
507	MUD LOGGING SERVICES	7,000	0	7,000
508	TUBING/CASING/DRILL PIPE INSPECTION	0	0	0
509	SANDBLASTING/ROUGHCOAT	0	0	0
510	CASING CREWS AND TOOLS	2,000	4,000	6,000
511	PERFORATING AND WIRELINE SERVICES	0	15,000	15,000
512	ACIDIZING SERVICES	0	0	0
513	STIMULATION SERVICES	0	125,000	125,000
514	DRILLING CONSULTANTS	12,000	6,000	18,000
515	FISHING TOOL SERVICES	0	0	0
516	HYDROSTATIC/PRESSURE TESTER	0	0	0
517	COILED TUBING	0	0	0
518	HOT OIL HEATING SERVICES	0	0	0
519	WELL TESTING SERVICES	0	3,000	3,000
520	GRAVEL PACK EQUIPMENT/SERVICE	0	0	0
521	STEAM CLEANING UNIT	0	0	0
530	OTHER SPECIALIZED SERVICES : HAUL OFF	0	0	0
	MUD CLEANING SERVICES	0	0	0
	DIRECTIONAL DRLG. SERVICES	0	0	0
GENERAL SERVICES				
601	ROUSTABOUT SERVICES	0	2,000	2,000
602	DOZER/Crane/BACKHOE/FORKLIFT	1,500	1,500	3,000
603	TRUCKING AND HOTSHOT	2,000	5,000	7,000
604	WELDING	1,000	1,000	2,000
605	DITCHING/TRENCHING	0	0	0
606	TELEPHONE	1,000	0	1,000
607	PUMP TRUCK/TRANSPORT/WATER HAULING	1,500	3,000	4,500
608	PAINTING/CARPENTRY SERVICES	0	0	0
620	BEFORE THE OIL CONSERVATION DIVISION	2,000	2,000	4,000

Santa Fe, New Mexico
Case Nos. 13417 & 13418 Exhibit No. 4

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Submitted by:
Huntington Energy, L.L.C.
Hearing Date: April 7, 2005

OIL X
GAS X

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113	Description	Costs	Costs	Costs
COMPLETION AND CLEANUP				
701	COMPLETION UNIT/WORKOVER UNIT	0	25,000	25,000
702	SWABBING UNIT	0	0	0
703	SNUBBING UNIT	0	0	0
704	BACKFILL PITS/RESTORE LOCATION	3,000	0	3,000
720	OTHER COMPLETION AND CLEANUP	0	0	0
COMPANY LABOR AND OVERHEAD				
801	ENGINEERING SUPERVISION	0	0	0
802	GEOLOGICAL SUPERVISION	3000	0	3000
803	COMPANY LABOR	0	0	0
804	ADMINISTRATIVE OVERHEAD	1500	1500	3000
805	WELL CONTROL INSURANCE	8600	0	8600
806	AUTOMOTIVE EXPENSES	0	0	0
TOTAL INTANGIBLES		\$284,800	\$297,900	\$582,700

Account Number	Tangible Costs	Dry Hole	Completion	Lease
114	Description	Costs	Costs	Costs
WELL EQUIPMENT				
101	SURFACE CASING 300 ft of 8 5/8" @ 300 ft	6,000	0	6,000
102	PROTECTION CASING : 7+B147	0	0	0
103	PRODUCTION CASING : Used 4 1/2 17# J-55 casing @ \$5/ft.	0	60,000	60,000
104	LINER :	0	0	0
105	TUBING : 2 3/8 "J-55 EUE 8rd 4.7# @ \$200/ft.	0	24,000	24,000
106	SUCKER RODS	0	0	0
107	WELLHEAD, VALVES AND EQUIPMENT	3,500	3,500	7,000
108	PUMPING UNIT, ENGINE, AND EQUIPMENT	0	0	0
109	DOWNHOLE PUMP	0	0	0
110	PACKERS/TUBING ANCHORS/BRIDGE PLUGS/RETAINERS	0	0	0
120	NON CONTROLLABLE TANGIBLE EQUIPMENT	0	0	0
LEASE EQUIPMENT				
201	STOCK TANKS	0	7,000	7,000
202	WATER TANK	0	2,000	2,000
203	SEPARATOR	0	15,000	15,000
204	HEATER TREATER	0	0	0
205	WATER KNOCKOUT UNIT	0	0	0
206	DEHYDRATION UNIT	0	0	0
207	COMPRESSOR	0	0	0
208	WATER INJECTION/DISPOSAL PUMP	0	0	0
209	LINE PIPE	0	3,000	3,000
210	ELECTRIC SYSTEM AND TRANSMISSION LINES	0	0	0
211	BUILDINGS	0	0	0
212	FITTINGS	0	10,000	10,000
213	ELECTRICAL PANEL AND HOOKUP	0	0	0
214	METER AND SALES EQUIPMENT	0	5,000	5,000
220	MISCELLANEOUS LEASE EQUIPMENT	0	5,000	5,000
221	NON CONTROLLABLE TANGIBLE MATERIAL	0	0	0
TOTAL TANGIBLES		\$9,500	\$134,500	\$144,000

TOTAL ESTIMATED COSTS	\$294,300	\$432,400	\$726,700
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Note: Costs and participations are generally estimates. Billings will be based on actual expenditures.

WORKING INTEREST OWNER APPROVAL

Company Name: _____

Signature: _____

Title: _____

Date: _____