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		ABOVE THIS LINE FOR DIVISION USE ONLY NEW MEXICO OIL CONSERVATION DIVISION
		NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau - 1220 South St. Francis Drive, Santa Fe, NM 87505 Intervention Division Lasuna Salado 2 Federal # 4 H
		ADMINISTRATIVE APPLICATION CHECKLIST 5953
		MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS 000000000000000000000000000000000000
da b a con	а-энај Счј	tandard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] wnhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] valified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
1]	TYPE OF [A	APPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication X NSL NSL NSP SD
	Ch [B	ck One Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM
	[C	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery Image: Swide of the second seco
	[D	Other: Specify
2]	NOTIFIC [A	TION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
	[B	Offset Operators, Leaseholders or Surface Owner - Rup 6/4 00 m
	[C	Application is One Which Requires Published Legal Notice
	נס	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E]	For all of the above, Proof of Notification or Publication is Attached, and/or,
	ſF	Waivers are Attached
5]		CCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE CATION INDICATED ABOVE.
	al is accura	ATION: I hereby certify that the information submitted with this application for administrative and complete to the best of my knowledge. I also understand that no action will be taken on this required information and notifications are submitted to the Division.
V	- 110-4	te: Statement must be completed by an Individual with managerial and/or supervisory capacity.
Yrint or	r Type Name	<u>Uen Dong</u> Signature <u>57 LANO ADVISOR</u> <u>5715/08</u> Title <u>Date</u> <u>KEN. GRAY @ DVN. LOM</u> e-mail Address

Print or Type Name

devon

Devon Energy Corporation 20 North Broadway Oklahoma City, Oklahoma 73102-8260

FAX

To: Davis	BROOKS		From: K	EN GRAM	
Fax: 505-	-476-346	\mathcal{V}^{+}	Date: 5	EN 6297 115108	
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May 14, 2008

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505 Attn: David Brooks

Re: Laguna Salado 22 Federal #4H Section 22-T23S-R29E Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. (Devon), as Operator, intends to drill the referenced horizontal Delaware well to a TVD of approximately 6,600' with a TMD of approximately 10,600'. Devon initially attempted to stake and permit this well at an orthodox location. However, due to the proximity of the location to apparent commercial Potash resources, the Bureau of Land Management (BLM) has required Devon to move the location. The closest drillable location as approved by the BLM is located at a SHL 1,240' FNL & 2,510' FWL with a BHL of 330' FSL & 1,980' FEL which is an unorthodox surface location pursuant to the statewide pool rules.

Inasmuch as this well will be producing from an unorthodox surface location from that permitted by the statewide pool rules, Devon respectfully requests that the Commission administratively approve this application for an unorthodox location in accordance with Division Rule 104(F)(3). Devon's records reflect that, in addition to Devon, Chesapeake Exploration, LLC, Pogo Producing Company, LLC, Oxy USA, Inc. and Liberty Energy Corporation are the owners of the operating rights under NMNM-66425 covering all of said Section 22, are the only parties affected by this application and have been given notice of this application. Additionally, Devon requests Commission approval to designate a 120 acre project area consisting of three (3) standard oil spacing units comprised of the SW/4 NE/4 and the W/2 SE/4 (unit letters G, J & O) of said section 22.

Attached you will find a Lower Brushy Canyon B structure map, a State of New Mexico form C-102, a land plat reflecting the affected parties and a Ryan Energy Technologies Directional Planning Report.

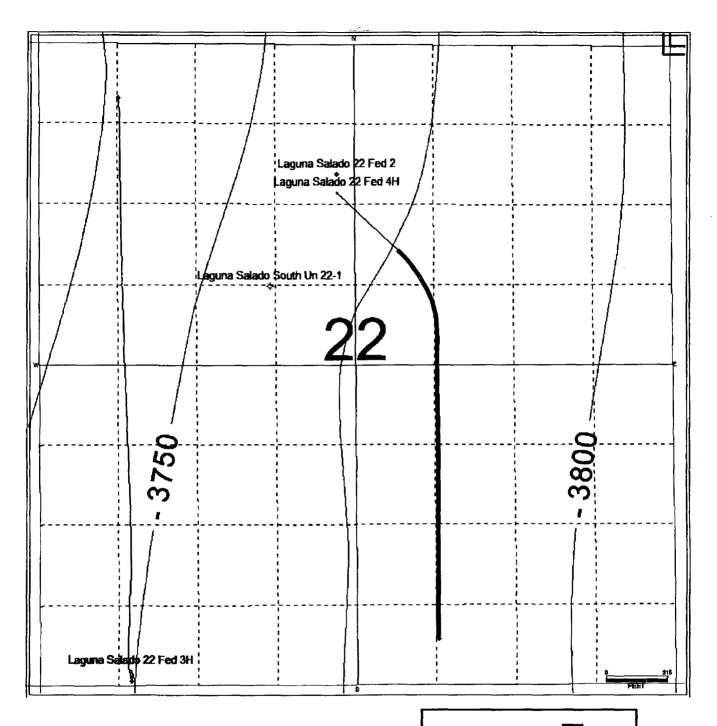
If there are any questions or if additional information is required feel free to call me at (405) 552-4633.

Yours very truly,

ON ENERGY PRODUCTION COMPANY, L.P.

Ken Gray Senior Land Advisor

Kg/ Enclosure





Devon Energy Corporation

SE EDDY COUNTY, NM

NORTH PURE GOLD 9 FEDERAL 10H TOP LOWER BRUSHY CANYON B ZONE

(SSTVD)

By: CJB

Form C-102

DISTRICT I 1625 N. French Dr., Hobbs, NM 68240 DISTRICT II 1301 W. Grand Avenue, Artesia, NM 68210

DISTRICT III

State of New Mexico Energy, Minerals and Natural Resources Department

Revised October 12, 2005 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 67506

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

C AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APi	Number		1	Pool Code								
Property	Code		L	LAGUNA	Property Nam SALADO "22			Well Nu 4H				
OGRID N 6137	0.		DEVON			PRODUCTION COMPANY LP 2977'						
			•		Surface Loca	ation						
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
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UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Yeet from the	East/West line	County			
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NO ALLO	WABLE 1		SSIGNED ' NON-STAN			NTIL ALL INTER APPROVED BY		EEN CONSOLIDA	ATED			
N: 3277'52.335' W: 103'58'52.298' N: 472276.614 E: 650142.480		i		N: 3217'52. W: 103'58'21. N: 472279.50 F: 652793.01	7 1	N: 3277'52.223 W: 103'57'50.528 N: 472283.117 E: 655444.171	OPERATO	DR CERTIFICAT				

₩.70150953509 ₩.4727275674 £:650142.480 2510'		2989.6'	₩ 70357505355 ₩ 472283.177 E:655444.177	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my howings and belief, and that this organisation either owns a working interest or unloased mineral in the load including the proposed bottom holo location pursuant to a contract with an owner of such a mineral or werking interest, or to a voluntary pooling agreement or a computery point hereinform entered by the division.
	2968.1 <u>SURFACE LOCATION</u> Lat - N32'17'40.07" Long - W103'58'23.07" SPC- N.: 471039.350 SPC- E.: 652653.364 (NAD-83)	2969.6		Signature Date Judy A. Barnett
		38348.		I hereby certify that the well location shown on this plat was plotted from field notes of asival surveys made by me or under my supervisor, and that the same is true and correct to the best of my bedaf. OCTOBER 29 2007
	BOTTOM HOLE LOCATION Lat - N32°17'02.98" Long - W103°58'13.27" SPC- N.: 467300.735 E.: 653509.006 (NAD-83)		N: 3276'59.713" W: 10357'50.183" N: 466977.025 E: 655492.003 (C4.C)	Date Survey of the state of the survey of the state of the survey of the state of the survey of the
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ENERGY CORPORATION

Ryan Energy Technologies Planning Report



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MD ft 0,00 6202,54 6952,54 7143,54 7924,71 10480,79 Survey MD ft 6202,54 6225,00	Incl deg 0,00 90,00 90,00 90,00 90,00 90,00 90,00 Incl deg 0,00 2,70	Azim deg 133.13 133.13 133.13 133.13 180.00 180.00 180.00 Azim deg 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 ft ft 6202.54 6224.99	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36	ft 0.00 0.00 348.46 487.85 789.93 789.93 789.93 789.93 +E/-W ft 0.00 0.39	DLS deg/100ft 0.00 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43	deg/100ft 0.00 12.00 0.00 0.00 0.00 0.00 DLS deg/100ft 0.00 12.00	Turn deg/100ft 0.00 0.00 6.00 0.00 6.00 0.00 Build deg/100ft 0.00 12.00	TFO deg 0.00 133.13 133.13 90.00 0.00 0.00 Turn deg/100ft 0.00 0.00	PBHL Tool/Comment	
MD ft 0,00 6202,54 6952,54 7143,54 7924,71 10480,79 Survey MD ft 6202,54 6225,00 6250,00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70	Azim deg 133.13 133.13 133.13 133.13 180.00 180.00 180.00 Azim deg 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 ft ft 6202.54 6224.99 6249.92	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61	R 0.00 0.00 348.46 487.85 789.93 789.93 +E/-W ft 0.00 0.39 1.72	DLS deg/100ft 0.00 12.00 0.00 6.00 0.00 VS ft VS ft 0.00 0.43 1.93	deg/100ft 0,00 0,00 12,00 0,00 0,00 0,00 DLS deg/100ft 0,00 12,00 12,00	Turn deg/100ft 0.00 0.00 6.00 0.00 6.00 0.00 Build deg/100ft 12.00 12.00	TFO deg 0.00 133.13 133.13 90.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	PBHL Tool/Comment	
MD ft 0.00 6202.54 6952.54 7143.54 7924.71 10480.79 Survey MD ft 6202.54 6225.00 6250.00 6275.00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70	Azim deg 133.13 133.13 133.13 133.13 133.13 180.00 180.00 Azim deg 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 ft 6202.54 6224.99 6249.92 6249.92 6274.72	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75	R 0.00 0.00 348.46 487.85 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00	DLS deg/100ft 0.00 12.00 0.00 6.00 0.00 0.00 VS ft 0.00 0.43 1.93 4.50	deg/100ft 0.00 12.00 0.00 0.00 0.00 0.00 DLS deg/100ft 0.00 12.00 12.00	Turn deg/100ft 0.00 0.00 0.00 6.00 0.00 6.00 0.00 Build deg/100ft 0.00 12.00 12.00	TFO deg 0.00 133.13 133.13 90.00 0.00 0.00 deg/100ft 0.00 0.00 0.00 0.00	PBHL Tool/Comment	
MD ft 0,00 6202,54 6952,54 7143,54 7924,71 10480,79 Survey MD ft 6202,54 6225,00 6250,00 6250,00 6300,00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70	Azim deg 133.13 133.13 133.13 133.13 180.00 180.00 180.00 Azim deg 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 ft ft 6202.54 6224.99 6249.92	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61	R 0.00 0.00 348.46 487.85 789.93 789.93 +E/-W ft 0.00 0.39 1.72	DLS deg/100ft 0.00 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13	deg/100ft 0,00 0,00 12,00 0,00 0,00 0,00 DLS deg/100ft 0,00 12,00 12,00 12,00 12,00	Turn deg/100ft 0.00 0.00 6.00 0.00 6.00 0.00 Build deg/100ft deg/100ft 12.00 12.00 12.00 12.00	TFO deg 0.00 133.13 133.13 90.00 0.00 0.00 deg/100ft 0.00 0.00 0.00 0.00 0.00 0.00	PBHL Tool/Comment	
MD ft 0.00 6202.54 6952.54 7143.54 71924.71 10480.79 Survey MD ft 6202.54 6225.00 6250.00 6250.00 6300.00 6325.00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70 11.70	Azim deg 133.13 133.13 133.13 133.13 133.13 180.00 180.00 180.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 ft 6202.54 6224.99 6249.92 6274.72 6299.32 6323.66	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68	R 0.00 0.00 348.46 487.85 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00 7.23 11.40	DLS deg/100ft 0.00 12.00 0.00 6.00 0.00 VS ft VS ft 0.00 0.43 1.93 4.50 8.13 12.82	deg/100ft 0,00 0,00 12,00 0,00 0,00 0,00 DLS deg/100ft 0,00 12,00 12,00 12,00 12,00 12,00 12,00	Turn deg/100ft 0.00 0.00 0.00 6.00 0.00 6.00 0.00 Build deg/100ft 0.00 12.00 12.00 12.00 12.00	TFO deg 0.00 133.13 133.13 90.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	PBHL Tool/Comment	
MD ft 0.00 6202.54 6952.54 7143.54 7924.71 10480.79 Survey MD ft 6202.54 6225.00 6250.00 6250.00 6300.00 6350.00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70 11.70 14.70 17.70	Azim deg 133.13 133.13 133.13 133.13 133.13 180.00 180.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 ft 6202.54 6224.99 6249.92 6249.92 6249.92 6249.92 6249.92 624.72 6299.32	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68 -15.44	ft 0.00 0.00 348.46 487.85 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00 7.23 11.40 16.49	DLS deg/100ft 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13 12.82 18.54	deg/100ft 0,00 12,00 0,00 0,00 0,00 0,00 DLS deg/100ft 0,00 12,00 12,00 12,00 12,00 12,00 12,00 12,00	Turn deg/100ft 0.00 0.00 0.00 6.00 0.00 6.00 0.00 8 uild deg/100ft 0.00 12.00 12.00 12.00 12.00 12.00	TFO deg 0.00 133.13 133.13 0.00 0.00 0.00 0.00	PBHL Tool/Comment	
MD ft 0,00 6202.54 6952.54 7143.54 7924.71 10480.79 Survey MD ft 6202.54 6225.00 6250.00 6250.00 6325.00 6325.00 6325.00 6375.00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70 11.70 14.70 17.70 20.70	Azim deg 133.13 133.13 133.13 133.13 133.13 180.00 180.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 ft 6202.54 6224.99 6249.92 6274.72 6299.32 6323.66 6347.67 6371.27	ft 0.00 -326.42 -457.08 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68 -15.44 -21.06	ft 0.00 0.00 348.46 487.85 789.93 789.93 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00 7.23 11.40 16.49 22.48	DLS deg/100ft 0.00 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13 12.82 18.54 25.28	deg/100ft 0.00 0.00 12.00 0.00 0.00 0.00 0.00 DLS deg/100ft 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	Turn deg/100ft 0.00 0.00 6.00 0.00 6.00 0.00 8uild deg/100ft 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	TFO deg 0.00 133.13 133.13 0.00 90.00 0.00 0.00 0.00 0.00 0.00 0.	PBHL Tool/Comment	
MD ft 0.00 6202.54 6952.54 7143.54 7924.71 10480.79 Survey MD ft 6202.54 6225.00 6250.00 6250.00 6300.00 6350.00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70 11.70 14.70 17.70	Azim deg 133.13 133.13 133.13 133.13 133.13 180.00 180.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 ft 6202.54 6224.99 6249.92 6249.92 6249.92 6249.92 6249.92 624.72 6299.32	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68 -15.44	ft 0.00 0.00 348.46 487.85 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00 7.23 11.40 16.49	DLS deg/100ft 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13 12.82 18.54	deg/100ft 0,00 12,00 0,00 0,00 0,00 0,00 DLS deg/100ft 0,00 12,00 12,00 12,00 12,00 12,00 12,00 12,00	Turn deg/100ft 0.00 0.00 0.00 6.00 0.00 6.00 0.00 8 uild deg/100ft 0.00 12.00 12.00 12.00 12.00 12.00	TFO deg 0.00 133.13 133.13 0.00 0.00 0.00 0.00	PBHL Tool/Comment	
MD ft 0.00 6202.54 6952.54 7143.54 7924.71 10480.79 Survey MD ft 6202.54 6225.00 6250.00 6250.00 6350.00 6350.00 6350.00 6375.00 6400.00 6425.00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70 11.70 14.70 17.70 20.70 23.70 26.70	Azim deg 133.13 133.13 133.13 133.13 133.13 180.00 180.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 ft 6220.54 6224.99 6249.92 6249.92 6249.92 6249.92 6249.92 6249.32 6323.66 6347.67 6371.27 8394.42 6417.04	ft 0.00 -326.42 -457.06" -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68 -15.44 -21.06 -27.52 -34.79	ft 0.00 0.00 348.46 487.85 789.93 789.93 789.93 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00 7.23 11.40 16.49 22.48 29.38 37.14	DLS deg/100ft 0.00 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13 12.82 18.54 25.28 33.03 41.77	deg/100ft 0,00 0,00 12,00 0,00 0,00 0,00 0,00 0,00 12,00	Turn deg/100ft 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1.00 12.00	TFO deg 0.00 133.13 133.13 90.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	PBHL Tool/Comment	
MD ft 0,00 6202,54 6952,54 7143,54 7924,71 10480,79 Survey MD ft 6202,54 6225,00 6250,00 6250,00 6350,00 6350,00 6350,00 6350,00 6400,00 6425,00 6450,00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70 11.70 14.70 17.70 20.70 23.70 26.70 29.70	Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 180.00 180.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 ft 6202.54 6222.54 6222.54 6224.99 6249.92 6274.72 6299.32 6323.66 6347.67 6371.27 6394.42 6417.04 6439.07	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68 -15.44 -21.06 -27.52 -34.79 -42.87	ft 0.00 0.00 348.46 48.785 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00 7.23 11.40 16.49 22.48 29.38 37.14 45.76	DLS deg/100ft 0.00 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13 12.82 18.54 25.28 33.03 41.77 51.46	deg/100ft 0.00 0.00 12.00 0.00 0.00 0.00 0.00 0.00 12.00	Turn deg/100ft 0.00 0.00 6.00 0.00 6.00 0.00 8 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	TFO deg 0.00 133.13 133.13 0.00 90.00 0.00 0.00 0.00 0.00 0.00 0.	PBHL Tool/Comment	
MD ft 0,00 6202.54 6952.54 7143.54 7924.71 10480.79 Survey MD ft 6202.54 6225.00 6250.00 6250.00 6350.00 6325.00 6325.00 6375.00 6375.00 6400.00 6425.00 6450.00 6450.00 6450.00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70 11.70 14.70 17.70 20.70 23.70 26.70 32.70	Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 180.00 80.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 ft 6202.54 6224.99 6249.92 6249.92 6249.92 6274.72 6299.32 6323.66 6347.67 6371.27 6394.42 6417.04 6439.07 6460.45	ft 0.00 0.00 -326.42 -457.08 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68 -15.44 -21.06 -27.52 -34.79 -42.87 -51.72	ft 0.00 348.46 487.85 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00 7.23 11.40 16.49 22.48 29.38 37.14 45.76 55.21	DLS deg/100ft 0.00 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13 12.82 18.54 25.28 33.03 41.77 51.46 62.08	deg/100ft 0.00 0.00 12.00 0.00 0.00 0.00 0.00 0.00 12.00	Turn deg/100ft 0.00 0.00 6.00 0.00 6.00 0.00 8uild deg/100ft 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	TPO deg 0.00 133.13 133.13 0.00 90.00 0.00 0.00 0.00 0.00 0.00 0.	PBHL Tool/Comment	
МD ft 0,00 6202,54 6952,54 7143,54 7924,71 10480,79 Survey MD ft 6202,54 6225,00 6250,00 6350,00 6350,00 6350,00 6425,00 6450,00 6475,00 6450,00 6475,00 6500,00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 20.00 2.70 5.70 8.70 11.70 14.70 11.70 14.70 17.70 20.70 23.70 26.70 29.70 32.70 35.70	Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 180.00 180.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 6680.00 6680.00 ft 6222.54 6224.99 6224.99 6224.99 6224.99 6229.32 6323.66 6347.67 6371.27 6394.42 6417.04 6439.07 6460.45 6481.13	ft 0.00 -326.42 -457.06 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68 -15.44 -21.06 -27.52 -34.79 -42.87 -51.72 -61.32	ft 0.00 348.46 487.85 789.93 789.93 789.93 789.93 789.93 1000 0.00 0.39 1.72 4.00 7.23 11.40 16.49 22.48 29.38 37.14 45.76 55.21 65.46	DLS deg/100ft 0.00 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13 12.82 18.54 25.28 33.03 41.77 51.46 62.08 73.61	deg/100ft 0,00 0,00 12,00 0,00 0,00 0,00 0,00 0,00 12,00	Turn deg/100ft 0.00 0.00 6.00 0.00 6.00 0.00 12.00	TPO deg 0.00 133.13 133.13 90.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	PBHL Tool/Comment	
MD ft 0,00 6202.54 6952.54 7143.54 7924.71 10480.79 Survey MD ft 6202.54 6225.00 6250.00 6250.00 6350.00 6325.00 6325.00 6375.00 6375.00 6400.00 6425.00 6450.00 6450.00 6450.00	Incl deg 0.00 90.00 90.00 90.00 90.00 90.00 90.00 Incl deg 0.00 2.70 5.70 8.70 11.70 14.70 17.70 20.70 23.70 26.70 32.70	Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 180.00 80.00 Azim deg 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13 133.13	ft 0.00 6202.54 6680.00 6680.00 6680.00 ft 6202.54 6224.99 6249.92 6249.92 6249.92 6274.72 6299.32 6323.66 6347.67 6371.27 6394.42 6417.04 6439.07 6460.45	ft 0.00 0.00 -326.42 -457.08 -1153.91 -3710.00 +N/-S ft 0.00 -0.36 -1.61 -3.75 -6.78 -10.68 -15.44 -21.06 -27.52 -34.79 -42.87 -51.72	ft 0.00 348.46 487.85 789.93 789.93 +E/-W ft 0.00 0.39 1.72 4.00 7.23 11.40 16.49 22.48 29.38 37.14 45.76 55.21	DLS deg/100ft 0.00 0.00 12.00 0.00 6.00 0.00 VS ft 0.00 0.43 1.93 4.50 8.13 12.82 18.54 25.28 33.03 41.77 51.46 62.08	deg/100ft 0.00 0.00 12.00 0.00 0.00 0.00 0.00 0.00 12.00	Turn deg/100ft 0.00 0.00 6.00 0.00 6.00 0.00 8uild deg/100ft 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	TPO deg 0.00 133.13 133.13 0.00 90.00 0.00 0.00 0.00 0.00 0.00 0.	PBHL Tool/Comment	

DEVUN ENERGY



Ryan Energy Technologies Planning Report



Field: Site: Well: Wellpath:	DEVON ENE Eddy Co, Ni Laguna Sala Laguna Sala Laguna Sala	1 Ido 22 Feder Ido 22 Fed			Co Vo Se		E) Reference: Reference:	SITE 0.0		
Survey MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS dog/1008	Build deg/100ft	Tera deg/1008	Tool/Comment
6575.00	44.70	133.13	6538.36	-94.38	100.75	113.30	12.00	12.00	0.00	
6600.00 6625.00	47.70	133.13	6555.66	-106.72	113.92	128.10	12.00	12.00	0.00	
6650.00	50.70 53.70	133.13 133.13	6572.00 6587.32	-119.65 -133.15	127.73 142.14	143.63 159.84	12.00 12.00	12.00 12.00	0.00 0.00	
6675.00	56.70	133.13	6601.59	-147,19	157.12	176.68	12.00	12.00	0.00	
	00.10	100.10	0001.00	147,10	107.12	110.00	12.00	12.00	0.00	
6700.00	59.70	133.13	6614.76	-161.71	172.63	194.12	12.00	12.00	0.00	
6725.00	62.70	133.13	6626.81	-176.68	188.61	212.09	12.00	12.00	0.00	
6750.00	65.70	133.13	6637.69	-192.07	205.03	230.56	12.00	12.00	0.00	
6775.00	68.70	133.13	6647.38	-207.82	221.85	249.47	12.00	12.00	0.00	
6800.00	71.70	133.13	6655.84	-223.90	239.02	268.77	12.00	12.00	0.00	
6005 00	74 70	400 40	6666 07	040.00	050 40	200 44	43.00	42.00	0.00	
6825.00	74.70	133.13	6663.07 6660.04	-240.26	256.48	288.41	12.00	12.00	0.00	
6850.00	77.70	133.13	6669.04	-256.86	274.20	308.33	12.00	12.00	0.00	
6875.00 6900.00	80.70 83.70	133.13 133.13	6673.72 6677.12	-273.64 -290.57	292.12 310.19	328.48 348.81	12.00 12.00	12.00 12.00	0,00 0,00	
6925.00	86.70	133.13	6679.21	-280.57 -307.60	328.37	369.25	12.00	12.00	0.00	
332.3.00	00.70	100,10	00/8.21	-007.00	040.07	000.20	14.00	12.00	0.00	
6950.00	89.70	133.13	6680.00	-324,69	346.60	389.75	12.00	12.00	0.00	
6952.54	90.00	133.13	6680.00	-326.42	348.46	391.84	12.00	12.00	0.00	EOC
7000.00	90.00	133.13	6680.00	-358.87	383.09	430.78	0.00	0.00	0.00	
7100.00	90.00	133.13	6680.00	-427.23	456.07	512.85	0.00	0.00	0.00	
7143.54	90.00	133.13	6680.00	-457.00	487.85	548.58	0.00	0.00	0.00	Tum 6°/100'
7150.00	90.00	133.52	6680.00	-461. 4 3	492.55	553.90	6.00	0.00	6.00	
7200.00	90.00	138.52	6680.00	-496.79	527.89	595.84	6.00	0.00	6.00	
7250.00	90.00	139.52	6680.00	-533.96	561.33	639.16	6.00	0.00	6.00	
7300.00	90.00	142.52	6680.00	-572.82	592.78	683.72	6.00	0.00	6.00	
7350.00	90.00	145.52	6680.00	-613.28	622.15	729.40	6.00	0.00	6.00	
7400.00	90.00	148.52	6680.00	-655.21	649.37	776.09	6.00	0.00	6.00	
7450.00	90.00	151.52	6680.00	-698.52	674.35	823.65	6.00	0.00	6.00	
7500.00	90.00	154.52	6680.00	-743.07	697.04	871.95	6.00	0.00	6.00	
7550.00	90.00	157.52	6680.00	-788.75	717,36	920.85	6.00	0.00	6.00	
7600.00	90.00	160.52	6680.00	-835.43	735.26	970.24	6.00	0.00	6.00	
7650.00	90.00	163.52	6680.00	-882.98	750.69	1019.96	6.00	0.00	6.00	
7700.00	90.00	166.52	6680.00	-931.27	763.62	1069.89	6.00	0.00	6.00	*
7750.00	90.00	169.52	6680.00	-980.18	774.00	1119.88	6.00	0.00	6.00	
7800.00	90.00	172.52	6680.00	-1029.56	781.80	1 169.81	6.00	0.00	6.00	
7850.00	90.00	175.52	6680.00	-1079.28	787.01	1219.52	6.00	0.00	6.00	
7000 00	00.00	170 50	6600.00	1100.04	700.00	1000 00	6 00	0.00	e 00	
7900.00	90.00	178.52	6680.00	-1129.21	789.62	1268.90	6.00	0.00 0.00	6.00 6.00	Hald loc / Arm
7924.71 8000.00	90.00 90.00	180.00 180.00	6680.00 6680.00	-1153.91 -1229.21	789.93	1293.13 1366.77	6.00 0.00	0.00	0.00	Hold Inc. / Azm.
8100.00	90.00	180.00	6680.00	-1229.21	789.93 789.93	1300.77	0.00	0.00	0.00	
8200.00	90.00	180.00	6680.00	-1429.21	789.93	1562.38	0.00	0.00	0.00	
			~~~~~~	· (			~			
8300.00	90.00	180.00	6680.00	-1529.21	789.93	1660.19	0.00	0.00	0.00	
8400.00	90.00	180.00	6680.00	-1629.21	789.93	1758.00	0.00	0.00	0.00	
8500.00	90.00	180.00	6660.00	-1729.21	789.93	1855.81	0.00	0.00	0.00	
8600.00	90.00	180.00	6680.00	-1829.21	789,93	1953.61	0.00	0.00	0.00	
8700.00	90.00	180.00	6680.00	-1929.21	789,93	2051.42	0.00	0.00	0.00	
0000 00									0.00	
8800.00	90.00	180.00	6680.00	-2029.21	789.93	2149.23	0.00	0.00	0.00	
8900.00	90.00	180.00	6680.00	-2129.21	789.93	2247.03	0.00	0.00	0.00	
9000.00 9100.00	90.00 90.00	180.00 180.00	6680.00 6680.00	-2229.21 -2329.21	789.93 789.93	2344.84 2442.65	0.00 0.00	0.00 0.00	0.00 0.00	
9200.00	90.00	180.00	6680.00 6680.00	-2329.21	789.93	2540.46	0.00	0.00	0.00	
02.00.00	<del>30.00</del>	100.00	0000.00	-2769.41	103.33	2010.10	0.00	0.00	0.00	
9300.00	90.00	180.00	6680.00	-2529.21	789,93	2638.26	0.00	0.00	0.00	
9400.00	90.00	180.00	6680.00	-2629.21	789.93	2736.07	0.00	0.00	0.00	
9500.00	90.00	180.00	6680.00	-2729.21	789.93	2833.88	0.00	0.00	0.00	
9600.00	90.00	180.00	6680.00	-2829.21	789.93	2931.68	0.00	0.00	0.00	

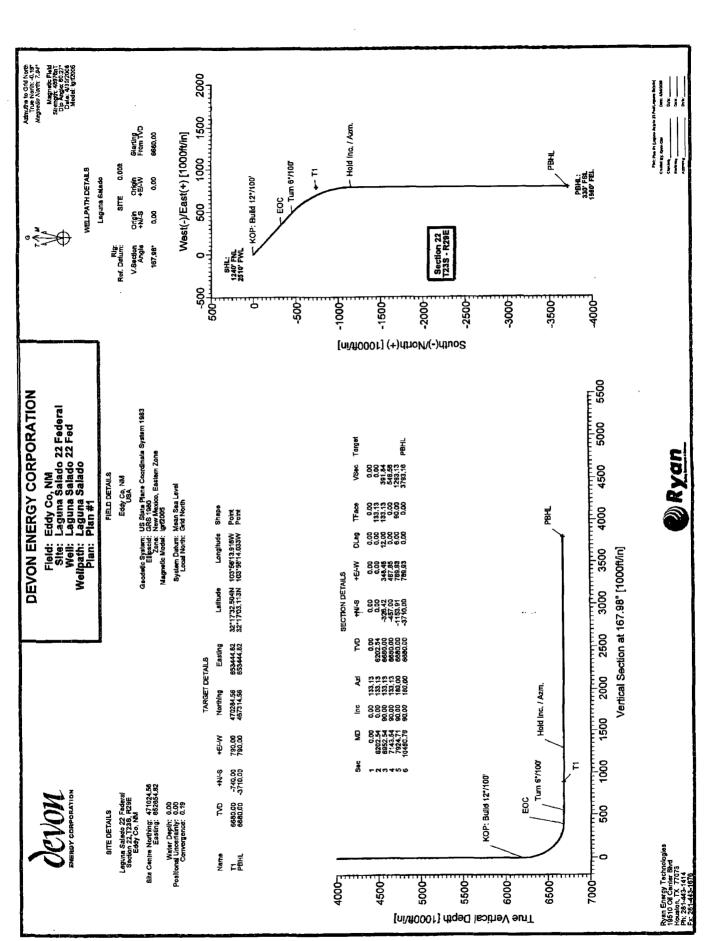


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# Ryan Energy Technologies Planning Report



ield: ite: Vell: Vellpath:	Eddy Co, NI	ado 22 Federa ado 22 Fed			Co- Ver	e: 4/30/2008 ordinate(NE) tical (TVD) R tion (VS) Refe 1:	Reference:		una Sa	lado 22		ral	age:	3	•
MD	Incl	Azim	TYD	+N/-S	+E/-W	VS	DLS	Build	Tura		Tool	Com	nent		
ft 9700.00	deg 90.00		ft 6680.00	ft -2929.21	ft 789.93	ft d 3029.49	0.00	deg/100fl 0.00	0.0						
9800.00 9900.00	90.00 90.00	180.00 180.00	6680.00 6680.00	-3029.21 -3129.21	789.93 789.93	3127.30 3225.11	0,00 0,00	0.00 0.00	0.0						
0000.00	90.00	180.00	6680.00	-3229.21	789.93	3322.91	0.00	0.00	0.0						
0100.00	90.00	180.00	6680.00	-3329.21	789.93	3420.72	0.00	0.00	0.0						
0200.00	90.00	180.00	6680.00	-3429.21	789.93	3518.53	0.00	0.00	0.0	)					
0300.00	90.00	180.00	6680.00	-3529.21	789.93	3616.33	0.00	0.00	0.0	)					
0400.00	90.00	180.00	6680.00	-3629.21	789.93	3714.14	0.00	0.00	0.0	)					
0480.79	90.00	180.00	6680.00	-3710.00	789.93	3793.16	0.00	0.00	0.0		PBHL				
<b>Fargets</b>															
Name		Description Dip. 1	TVD Dir. ft	+N/-S ft	+ <b>E/-W</b> ft	Map Northin ft		ting D	eg Mi					çitude Sec	
T1			6680.0	0 -740.00	790.00	470284.5	6 6534	14.82	32 17	32.50	4 N	103	58 1	3.916	W
PBHL			6680.0	0 -3710.00	790.00	467314.5	6 6534	14.82	32 17	3.11	3 N	103	58 1	4.033	w
Annotation	n														
MD ft	TVD ft														
6202.54	6202.54		ki 12°/100'												
6952.54 7143.54	6680.00 6680.00	EOC Turn 6°/1	00'												
7924.71	6680.00	Hold Inc.													



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May 14, 2008

Liberty Energy Corporation 175 Berkeley Street, 8th Floor Boston, MA 02116

Re: Laguna Salado 22 Federal #4H Section 22-T23S-R29E Eddy County, New Mexico

Gentlemen:

Attached you will find Devon Energy Production Company, L.P.'s ("Devon") administrative application for approval of an unorthodox well location covering the referenced Delaware test well. As operator under the governing Joint Operating Agreement, Devon's records indicate that your company is the owner of operating rights in an offset spacing unit and are entitled to notice of this application in accordance with Division Rule 104 (f). Objections to this application should be submitted to the NMOCD. If you have no objection to this application, please so indicate by signing and returning one copy of this letter to the undersigned.

If there are any questions or if additional information is required, feel to call me at (405) 552-4633.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

Ken Gray Senior Land Advisor

KG: Enclosures

Liberty Energy Corporation has no objection to this administrative application for unorthodox location.

By:			
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Title:				

Date:				
	 	 	 	-



May 14, 2008

OXY USA, Inc. P.O. Box 4294 Houston, TX 77210-4294 Attention: Steve Flynn

Re: Laguna Salado 22 Federal #4H Section 22-T23S-R29E Eddy County, New Mexico

Gentlemen:

Attached you will find Devon Energy Production Company, L.P.'s ("Devon") administrative application for approval of an unorthodox well location covering the referenced Delaware test well. As operator under the governing Joint Operating Agreement, Devon's records indicate that your company is the owner of operating rights in an offset spacing unit and are entitled to notice of this application in accordance with Division Rule 104 (f). Objections to this application should be submitted to the NMOCD. If you have no objection to this application, please so indicate by signing and returning one copy of this letter to the undersigned.

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Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

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Ken Gray Senior Land Advisor

KG: Enclosures

Oxy USA, Inc. has no objection to this administrative application for unorthodox location.

By: _____

Title:	 	

Date: _____



May 14, 2008

Chesapeake Exploration, LLC 6100 N. Western Oklahoma City, OK 73118 Attn: Craig Barnard

Re: Laguna Salado 22 Federal #4H Section 22-T23S-R29E Eddy County, New Mexico

Gentlemen:

Attached you will find Devon Energy Production Company, L.P.'s ("Devon") administrative application for approval of an unorthodox well location covering the referenced Delaware test well. As operator under the governing Joint Operating Agreement, Devon's records indicate that your company is the owner of operating rights in an offset spacing unit and are entitled to notice of this application in accordance with Division Rule 104 (f). Objections to this application should be submitted to the NMOCD. If you have no objection to this application, please so indicate by signing and returning one copy of this letter to the undersigned.

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Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

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Ken Gray Senior Land Advisor

KG: Enclosures

Chesapeake Exploration, LLC has no objection to this administrative application for unorthodox location.

B	7:			

Title:		

Date: _____



May 14, 2008

Pogo Producing Company, LLC 5 Greenway Plaza, Suite 2700 Houston, TX 77046 Attn: Scott Cowhand

Re: Laguna Salado 22 Federal #4H Section 22-T23S-R29E Eddy County, New Mexico

Gentlemen:

Attached you will find Devon Energy Production Company, L.P.'s ("Devon") administrative application for approval of an unorthodox well location covering the referenced Delaware test well. As operator under the governing Joint Operating Agreement, Devon's records indicate that your company is the owner of operating rights in an offset spacing unit and are entitled to notice of this application in accordance with Division Rule 104 (f). Objections to this application should be submitted to the NMOCD. If you have no objection to this application, please so indicate by signing and returning one copy of this letter to the undersigned.

If there are any questions or if additional information is required, feel to call me at (405) 552-4633.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

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Ken Gray Senior Land Advisor

KG: Enclosures

Pogo Producing Company, LLC has no objection to this administrative application for unorthodox location.

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	1.	 	_	 _	 _

Title:		

Date:		_		

### Brooks, David K., EMNRD

From:Brooks, David K., EMNRDSent:Monday, June 16, 2008 5:26 PMTo:'Gray, Ken (OKC)'Subject:Laguna Salado 22 Fed #4H

Dear Ken

I cannot tell from the application in this case where the point of penetration (where wellbore intersects the top of the target formation – Rule 111) will be.

Non-standard Location approval is not required if only the surface location is unorthodox. Hence, NSL approval would only be required if the point of penetration is less than 330 feet from the northern or the eastern boundary of the SW/4 NE/4 of Section 22. I am assuming the point of penetration will be in the SW/4 NE/4, since you have not indicated that either the NWNE/4 or the NE/4 NW/4 be included in the project area.

Please advise the footage location where you expect the well to enter the Delaware formation.

Separately, Division approval is not required for the designation of a project area as long as the project area conforms to the requirements of Rule 111, and you certify that you have an agreement of all interest owners regarding sharing of proceeds of the proposed horizontal well.

Thanks David K. Brooks Legal Examiner 505-476-3450

#### Brooks, David K., EMNRD

From: Gray, Ken (OKC) [Ken.Gray@dvn.com]

Sent: Tuesday, June 17, 2008 7:41 AM

To: Brooks, David K., EMNRD

Subject: RE: Laguna Salado 22 Fed #4H

David, per our telephone conversation this morning, we will penetrate the top of the Harroun Ranch Delaware NE Pool with the vertical portion of this well. Consequently, the well will be classified as a NSL in accordance with Rule 111. Sorry for the inconvenience, I will try to be more definitive in the future. With respect to a "project area", the ownership is common in all 40 acre spacing units affected by this well, so the project area designation is of little consequence. Please let me know if you need additional information.

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us] Sent: Monday, June 16, 2008 7:26 PM To: Gray, Ken (OKC) Subject: Laguna Salado 22 Fed #4H

Dear Ken

I cannot tell from the application in this case where the point of penetration (where wellbore intersects the top of the target formation – Rule 111) will be.

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Thanks David K. Brooks Legal Examiner 505-476-3450

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