District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Proposed Alternative Method Permit or Closure Plan Application

	ystem, below-grade tank, or proposed alternative method system, below-grade tank, or proposed alternative method					
Instructions: Please submit one application (Form C-144) per in Please be advised that approval of this request does not relieve theoperator of lia	dividual pit, closed-loop system, below-grade tank or alternative request					
Operator: Energen Resources Corporation	OGRID #: 162928					
Address: 2010 Afton Place, Farmington, New Mexico 87401	market 45 the					
Facility or well name: Richardson #5E	OIL CONS. DIV.					
API Number: 30-045-26152 (Pril. 49 2 49 3 30 49 3 30 4					
	N Range 13W County: San Juan					
Center of Proposed Design: Latitude 36.58363 Lo						
Surface Owner: Federal State Private Tribal Trust or Indian						
Pit: Subsection F or G of 19.15.17.11 NMAC	Closed-loop System: Subsection H of 19.15.17.11 NMAC					
Temporary: Drilling Workover	□ Drying Pad ☑ Tanks □ Haul-off Bins □ Other					
Permanent Emergency Cavitation Steel Pit	Lined Unlined					
Lined Unlined	Liner type: Thicknessmil					
Liner type: Thicknessmil	Other					
Other String-Reinforced	Seams: Welded Factory Other					
Seams: Welded Factory Other	Volume: 400 bbl yd³					
Volume:bbl Dimensions: L x W x D	Dimensions: Height 20 x Diameter 12					
Below-grade tank: Subsection I of 19.15.17.11 NMAC	Fencing: Subsection D of 19.15.17.11 NMAC					
Volume:bbl	☐ Chain link, six feet in height, two strands of barbed wire at top					
Type of fluid:	Four foot height, four strands of barbed wire evenly spaced between one and					
Tank Construction material:	four feet					
☐ Secondary containment with leak detection	Netting: Subsection E of 19.15.17.11 NMAC					
☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	☐ Screen ☐ Netting ☐ Other					
☐ Visible sidewalls and liner	☐ Monthly inspections					
☐ Visible sidewalls only	Signs: Subsection C of 19.15.17.11 NMAC					
Other	12'x24', 2' lettering, providing Operator's name, site location, and					
Liner type: Thicknessmil	emergency telephone numbers					
Other	Signed in compliance with 19.15.3.103 NMAC					
Alternative Method:	Administrative Approvals and Exceptions:					
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration	Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.					

of approval.

blank:

consideration of approval.

Please check a box if one or more of the following is requested, if not leave

Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for

Exception(s): Requests must be submitted to the Santa Fe

Environmental Bureau office for consideration of approval.

ting Criteria (regarding permitting): 19.15.17.10 NMAC astructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of exceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 0.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-op system.							
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells							
Vithin 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa ke (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site Vithin 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.							
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image							
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image							
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site							
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality							
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site							
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division							
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map							
Within a 100-year floodplain FEMA map							
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC							
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC							
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (required for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (required for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC							
Previously Approved Design (attach copy of design) API Number:							

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC								
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the de	ocuments are							
attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment								
☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC								
☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC								
Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC								
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC								
 Nuisance or Hazardous Odors, including H₂S, Prevention Plan Emergency Response Plan 								
Oil Field Waste Stream Characterization Monitoring and Inspection Plan								
☐ Erosion Control Plan ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC								
Proposed Closure: 19.15.17.13 NMAC								
Type: Drilling Workover Emergency Cavitation Permanent Pit Below-grade Tank Closed-loop System	Alternative							
Proposed Closure Method: Waste Excavation and Removal	-							
Waste Removal (Closed-loop systems only)								
☐ On-site Closure Method (Only for temporary pits and closed-loop systems) ☐ In-place Burial ☐ On-site Trench Burial								
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for co	nsideration)							
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau								
office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.								
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells								
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells								
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells								
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site								
 Topographic map, Visuar inspection (certification) of the proposed site Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 								
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site								
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No							
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No							
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division								
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 								
Within a 100-year floodplain FEMA map								

Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the	f								
elosure plan. Please indicate, by a check mark in the box, that the documents are attached.									
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC									
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC	}								
 ☑ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) ☑ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC 									
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	,								
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC									
Waste Removal Closure For Closed-loop Systems That Utilize Haul-off Bins Only: (19.15.17.13.D NMAC) Instructions: Please indentify the faci	ility								
or facilities for the disposal of liquids, drilling fluids and drill cuttings.	illy								
Disposal Facility Name: Auga Moss Pretty lady #1/ Envirotech Disposal Facility Permit Number: 30-045-30922, NM-01-0011									
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicated in the closure plan.	ate,								
by a check mark in the box, that the documents are attached.									
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC									
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC									
Construction and Design of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC									
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC									
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC									
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)									
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC									
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC									
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC									
Operator Application Certification:									
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.									
Name (Print): Kirt Snyder Title: District Engineer									
Signature: Date: 7/16/2008									
Signature: Date: 1/10/0200	-								
e-mail address: ksnyder@energen.com Telephone: (505) 324-4142									
OCD Approval: Permit Application (including closure plan)									
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Representative Signature: 3 / 18/08	_								
OCD Representative Signature: Brand Pell Approval Date: 7/18/08	-								
OCD Representative Signature: Brand Fell Approval Date: 7/18/08 Title: Enj:0/spec OCD Permit Number:	_								
OCD Representative Signature: Brand Fell Approval Date: 7/18/08 Title: Endico/spec OCD Permit Number: Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC	_								
OCD Representative Signature: Brand Fell Approval Date: 7/18/08 Title: Endico/spec OCD Permit Number: Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Completion Date:									
OCD Representative Signature:									
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Approval Date: 7/18/08 Title: Endico Spec OCD Permit Number: Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a checkmark in the box, that the documents are attached. Proof of Closure Notice	k								
OCD Representative Signature:	k								
OCD Representative Signature: Approval Date: 7 18 08	k								
Approval Date: 7 / 18 / 08 Title: Evilo (Spec OCD Permit Number:	k								
OCD Representative Signature: Approval Date: 7 18 08	k								
OCD Representative Signature:									
OCD Representative Signature: Brand Policy Policy Specific Subsection K of 19.15.17.13 NMAC Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Completion Date: Closure Method:	k								
OCD Representative Signature: Brand Poll Title: Endicologue Completion Subsection K of 19.15.17.13 NMAC Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Completion Date: Closure Method: If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a checkmark in the box, that the documents are attached. Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)									
OCD Representative Signature: Brand Plant Plant OCD Permit Number: Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a checkmark in the box, that the documents are attached. Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Longitude NAD: 1927 1983	k								
Approval Date: 7/18/08 Title: ESSO SPEC OCD Permit Number:	·k								
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Approval Date: 7/18/08 Title: Endicologue Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Completion Date: Closure Completion Date: Closure Method Alternative Closure Method If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a checkmark in the box, that the documents are attached. Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Longitude NAD: 1927 1983 Operator Closure Certification: Intereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan. Name (Print): Title: Title:									
Approval Date: 7 / 18 / 08 Title: Endico Spec OCD Permit Number: Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Completion Date: Closure Method: Glosure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a checkmark in the box, that the documents are attached. Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Waste Material Sampling Analytical Results On-site Closure Notice Proof of Deed Notice (if application) Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results On-site Closure Location Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Longitude NAD: 1927 1983 Operator Closure Certification: Thereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.									
Title: Eulio Spec OCD Permit Number:									
Title: Eulio Spec OCD Permit Number:									
Title: Eulio Spec OCD Permit Number:									
Title: Eulio Spec OCD Permit Number:									

Closed-loop Design Plan:

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Our closed loop system will not entail a drying pad, temporary pit, below grade tank or sump. It will entail an above ground tank suitable for holding the cuttings and fluids for rig operations. The tank will be of sufficient volume to maintain a safe free board between disposal of the liquids and solids from rig operations.

- 1) Fencing is not required for an above ground closed-loop system.
- 2) It will be signed in compliance with 19.15.3.103 NMAC.
- 3) A frac tank will be on location to store fresh water.

Closed-loop Operating and Maintenance Plan:

The closed-loop tank will be operated and maintained; to contain liquids and solids, to aid in the prevention of contamination of fresh water sources, in order to protect public health and the environment. To attain this goal the following steps will be followed:

- 1) The liquids will be vacuumed out and disposed of at the Agua Moss Pretty Lady #1 facility (Disposal API Number 30-048-30922). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit Number NM-01-0011) on a periodic basis to prevent over topping.
- 2) No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank. Only fluids or cuttings used or generated by rig operations will be placed or stored in the tank.
- 3) The division district office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop tank. Upon the discovery of the compromised tank, repairs will be enacted immediately.
- 4) All of the above operations will be inspected and a log will be signed and dated. During rig operations the inspection will be daily.

Closed-loop Closure Plan:

The closed loop tank will be closed in accordance with 19.15.17.13. This will be done by transporting cuttings and all remaining sludge to Envirotech (Permit Number NM-01-0011) following rig operations. All remaining liquids will be transported and disposed of in the Agua Moss Pretty Lady #1 facility (Disposal API number 30-048-30922). The tanks will be removed from the location as part of the rig move. At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible.

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

State of New Mexico Energy, Minerals & Natural Resources Form C-102 Revised October 12, 2005

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

Signature and Seal of Professional Surveyer

Certificate Number

987 ft

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					TION AND ACREAGE DEDICATION PLAT Pool Code Pool Name								
30-045-26152					629					Basin Fruitland Coal			
⁴ Property Code						⁵ Prop	erty Na	ame		⁶ Well Number			
21370						Rid	hards	son		5E			
⁷ OGRID No. ⁸ Operator Name							⁹ Elevation						
162928				Energen Resources Corporation						5990'			
					1	¹⁰ Surface	Loca	tion					
UL or lot no.	Section	Township	Range	Lo	t. Idn				Feet from the	East/West	line	County	
P	P 10 27N 13W		13W	845		845	South		987	East		San Juan	
			11 Bot	ttom He	ole I	Location I	f Diff	erent From Su	rface				
UL or lot no.	Section	Township	Range	Lo	t, Idn	Feet fro	m the	North/South line	Feet from the	East/West	line	County	
12 Dedicated Acre	es 13 Joi	nt or Infill	14 Consolidatio	n Code	15 O	rder No.							
E/2 320													
16									I hereby certify the complete to the be organization eithe interest in the land or has a right to a contract with an o	at the informates of my knowler owns a work dincluding the little this well all tweet of such a	tion cont ledge and ing inter propose t this loc i mineral	FICATION caned herein is true and d belief, and that this est or unleased mineral ed bottom hole location ation pursuant to a l or working interest, or empulsory pooling order	
			0				Parameter and the second secon		Signature Kirt Snyc Printed Name Energen F District 18 SURVE I hereby certify the was plotted from f me or under my s and correct to the	der Resources Engineer YOR Cl at the well loca field notes of a supervision, an	ERT	rveys made by	