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.

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve theoperator of liability should operations result in pollution of surface water, ground water or the

environment. Nor does approval relieve the operator of its responsibility to com	ply with any other applicable governmental authority's rules, regulations or ordinances.				
Operator: Energen Resources Corporation	OGRID #: <u>162928</u>				
Address: 2010 Afton Place, Farmington, New Mexico 87401	RCVD JUL 2 '08				
Facility or well name: Richardson #2	OIL CONS. DIV.				
API Number:	OCD Permit Number: DIST. 3				
U/L or Qtr/Qtr P Section 11 Township 27N Range	13W County: San Juan				
Center of Proposed Design: Latitude 36.58496° N	Longitude <u>108.18222° W</u> NAD: □1927 ⊠ 1983				
Surface Owner: Federal State Private Tribal Trust or Indian	Allotment				
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	Lined Unlined				
☐ Lined ☐ Unlined	Liner type: Thicknessmil				
Liner type: Thicknessmil	Other				
Other String-Reinforced	Seams: Welded Factory Other				
Seams:	Volume: 400 bbl yd³				
Volume:bbl	Dimensions: Height 20 ft x Diameter 12 ft				
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 HDPE PVC	emergency telephone numbers				
Other	⊠ Signed in compliance with 19.15.3.103 NMAC				
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration	Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.				
of approval.	Please check a box if one or more of the following is requested, if not leave				
	blank: Administrative approval(s): Requests must be submitted to the				
	appropriate division district or the Santa Fe Environmental Bureau office for				
	consideration of approval. Exception(s): Requests must be submitted to the Santa Fe				
	Environmental Bureau office for consideration of approval.				

acceptable source material are provided below approval from the appropriate district office of Environmental Bureau office for consideration	compliance for each siting criteria below in the application. Recommend. Requests regarding changes to certain siting criteria may require admin r may be considered an exception which must be submitted to the Santa Fen of approval. Applicant must attach justification for request. Please referia does not apply to drying pads or above-grade tanks associated with a	aistrative e er to			
Ground water is less than 50 feet below the bott - NM Office of the State Engineer - iWA	tom of the temporary pit, permanent pit, or below-grade tank. TERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No			
Within 300 feet of a continuously flowing water (measured from the ordinary high-water mark). - Topographic map; Visual inspection (co		ke Yes No			
(Applies to temporary, emergency, or cavitation	hool, hospital, institution, or church in existence at the time of initial applicate pits and below-grade tanks) broposed site; Aerial photo; Satellite image	ation. Yes No			
(Applies to permanent pits)	chool, hospital, institution, or church in existence at the time of initial applications or church in existence at the time of initial applications or church in existence at the time of initial applications.	cation. Yes No			
watering purposes, or within 1000 horizontal fe	c fresh water well or spring that less than five households use for domestic of the control of the time of initial at TERS database search; Visual inspection (certification) of the proposed site	application.			
adopted pursuant to NMSA 1978, Section 3-27-	ithin a defined municipal fresh water well field covered under a municipal of 3, as amended. m the municipality; Written approval obtained from the municipality	ordinance Yes No			
Within 500 feet of a wetland US Fish and Wildlife Wetland Identific	ation map; Topographic map; Visual inspection (certification) of the propos	☐ Yes ☐ No			
Within the area overlying a subsurface mine Written confirmation or verification or	map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No			
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		☐ Yes ☐ No			
Form C-144	Oil Conservation Division	Page 2 of 5			

•						
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						
<u> </u>						
Previously Approved Design (attach copy of design) API Number: or Permit Number:						
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						
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 documents 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 H ₂ S, 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						
Proposed Closure: 19.13.17.13 NMAC						
Type: Drilling Workover Emergency Cavitation Permanent Pit Below-grade Tank Closed-loop System Alternative						
Proposed Clasure Method: M. Wasta Evaquation and Pamayal						
Proposed Closure Method: Waste Excavation and Removal						
On-site Closure Method (only for temporary pits and closed-loop systems)						

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 watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No					
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	☐ Yes ☐ No					
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						
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	☐ Yes ☐ No					
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure 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 G 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 facility or facilities for the disposal of liquids, drilling fluids and drill cuttings.						
Disposal Facility Name: Envirotech, Agua Moss Pretty Lady #1 Disposal Facility Permit Number: NM 01-0011, 30-048-30922 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate,						
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 Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards canno 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, as	ccurate and complete to the best of my knowledge and belief.				
Name (Print): Kirt Snyder	,				
Signature: KK Zy	Date: $7/2/200$				
e-mail address: ksnyder@energen.com					
OCD Approval: Permit Application (including closure plan) Closur	e Plan (only)				
	Approval Date: 7/3/08				
Title: <u>EnvirolSpec</u>	OCD Permit Number:				
Closure Report (required within 60 days of closure completion): Subsect	ion K of 19.15.17.13 NMAC Closure Completion Date:				
Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alt ☐ If different from approved plan, please explain.	ernative Closure Method				
Closure Report Attachment Checklist: Instructions: Each of the following mark 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 Lo	g items must be attached to the closure report. Please indicate, by a check ngitude NAD:				
Operator Closure Certification:					
I hereby 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:				
Signature:	Date:				
e-mail address:	Telephone:				

Closed-loop Design Plan:

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 vaccumed 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 sludges to Envirotech (Permit Number NM-01-0011) immediately 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

State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised October 12, 2005

OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Submit to Appropriate District Office State Lease - 4 Copies
Fee Lease - 3 Copies

District IV		Santa Fe, NM 87505					-	ee Bease 's copies		
						MENDED REPORT				
		WE	LL LOCA	TION A	ND ACREA	GE DEDICA	TION PLA	Γ		
	¹ API Number ² Pool Code ³ Pool Name									
30	<u>-045-066</u>	21		71629			Basin Fruit	Fruitland Coal		
⁴ Property	y Code				⁵ Property Na	ime		⁶ Well Number		
213	70				Richards	son.			2	
⁷ OGRJI	O No.				8 Operator Na	ime			⁹ Elevation	
1629	28		Energen Resources Corporation						5876'	
10 Surface Location										
UL or lot no	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County	
P	11	27N	1.3W		890	South	990	East	San <i>J</i> uan	
11 Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line RCVD.	JUN 6 '08 County	
12 Dedicated Acro	12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. UIL CONS. DIV.									
320					<u></u>			DI	ST. 3	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to affit we will a this location pursant to a contract with an owner of such a nuneral or working interest, or to a woluntary pooling agreement or a compulsory pooling order heaptoffive emerged by the division		1.0 011 H1D	THE CITE IN BUILD		
complete to the best of my knowledge and belief, and that this organization either owns a working interest or inflowed mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this focation pursuant to a contract with an owner of such a mineral or working interest, or as a voluntary pooling agreement or a compulsary pooling order hereighte entered by the division	16				
organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heaptoffive enterged by the division		[(11
micrest in the land including the proposed bottom hole location or has a right to drill this well at this tocation pursuant to a contract with an owner of such a mineral or working interest, or as a voluntary pooling orgenemen or a compulsory pooling order hereiffere emerged by the division 6/2/2008 Signature Date Kirt Snyclear Printed Name Energien, Resources District, Engineer 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of acuts surveys made by me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer James P. Leese 1463					11
or has a right to drill this well at this tocation pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsary pooling order hereighter entered by the division Compared to the process of the	1		Ì	1	11 -
contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereit fire entered by the division 6/2/2008 Signature Date Kirt Sriver Printed Name Energen Resources District Engineer 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer 490 ft James P. Leese 1463			İ		1
to a voluntary pooling agreement or a compulsary pooling order heretoffire entered by the division 6/2/2008 Signature Date Kirt Srivelar Printed Name Energen Resources District Engineer 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my superission, and that the same is true and correct to the best of my belief 7/30/1963 Date of Surveye Signature and Seal of Professional Surveyer 990 ft James P. Leese 1463					il -
hereighte entered by the division A	,			1	11
Signature Date Kirt Snycler Printed Name Energen Resources District Engineer 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer James P. Leese 1463					41
Printed Name Energen Resources District Engineer 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer 490 ft James P. Leese 1463					h 2nd 6/2/2008
Printed Name Energen Resources District Engineer 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of acutal surveys made by me or under my supervision, and that the same is frue and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer 490 ft James P. Leese 1463					Kirt Snyder
District Engineer 18 SURVEYOR CERTIFICATION 1 hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer 990 ft James P. Leese 1463					
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer James P. Leese 1463					Energen Resources
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer James P. Leese 1463					District Engineer
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer 990 ft James P. Leese 1463		* ,			18 SURVEYOR CERTIFICATION
me or under my supervision, and that the same is true and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer James P. Leese 1463					
and correct to the best of my belief 7/30/1963 Date of Survey Signature and Seal of Professional Surveyer James P. Leese 1463		ĺ		[was plotted from field notes of actual surveys made by
7/30/1963 Date of Survey Signature and Seal of Professional Surveyer James P. Leese 1463	1	1			me or under my supervision, and that the same is true
Date of Survey Signature and Seal of Professional Surveyer 990 ft James P. Leese 1463				 	and correct to the best of my belief
Date of Survey Signature and Seal of Professional Surveyer 990 ft James P. Leese 1463					
990 ft James P. Leese 1463	į		1		
990ft James P. Leese 1463					81 · · ·
James P. Leese 1463	·			0	Signature and Sear Or Professional Surveyer
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!			990ft	Acade in the second
				اري	D 1 - 2
)0	James T. Leest
			į	8P	1463
					Certificate Number