07050612849

AROVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms: [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [PC-Pool Commingling] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] TYPE OF APPLICATION - Check Those Which Apply for [A] [1] [A]Location - Spacing Unit - Simultaneous Dedication NSL NSP SD Check One Only for [B] or [C] Commingling - Storage - Measurement [B] \square DHC \square CTB \square PLC \square PC \square OLS \square OLM [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery □ WFX □ PMX □ SWD □ IPI □ EOR □ PPR [D]Other: Specify _____ [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners [A] [B] Offset Operators, Leaseholders or Surface Owner [C]Application is One Which Requires Published Legal Notice [D]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. [F] Waivers are Attached [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE. [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division. Note: Statement must be completed by an individual with managerial and/or supervisory capacity. Print or Type Name Signature Title Date e-mail Address

May 5, 2006

New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

RE: Pogo Producing Company, Lake Wood 14 and Lake Wood 15 seases, Sections 14 & 15, T19S, R26E, Eddy County, New Mexico Gas Sales Surface Commingling Application

Please see attached our application to measure and commingle to a common sales point the gas sales from the above referenced leases.

Please let me know if you need any further information or documentation concerning this application. Thank you.

Yours truly,

Ann E. Ritchie, Regulatory Agent **Pogo Producing Company**

c/o P.O. Box 953 Midland, TX 79702 1-800-432-2967 432 682-1458-fax ann.ritchie@wtor.net

<u>District I</u> 1625 N. French Drive, Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Ave, Artesia, NM 88210

<u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u>

1220 S. St Francis Dr, Santa Fe, NM 87505

E-MAIL ADDRESS:

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-107-B Revised June 10, 2003

OIL CONSERVATION DIVISION

1220 S. St Francis Drive Santa Fe, New Mexico 87505 Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION I	FOR SURFACE (COMMINGLING	(DIVERSE	OWNERSHIP)	
	ducing Company (017	· · · · · · · · · · · · · · · · · · ·			
OPERATOR ADDRESS: P.O. Box	10340, Midland, TX 7	79702			
APPLICATION TYPE:					
☐ Pool Commingling X Lease Commingling	g Pool and Lease Com	nmingling Off-Lease	Storage and Measur	ement (Only if not Surface	Commingled)
LEASE TYPE: Fee X St					
Is this an Amendment to existing Order	? ☐Yes XNo If	'Yes", please include t	he appropriate C	of the proposed somm	ingling
Have the Bureau of Land Management	(BLM) and State Land	Office (SLO) been not	inted in writing	or the proposed comm	mgmg
	` '	L COMMINGLIN s with the following in			
	Gravities / BTU of	Calculated Gravities /		Calculated Value of	
(1) Pool Names and Codes	Non-Commingled Production	BTU of Commingled Production		Commingled Production	Volumes
Undes. Four Mile Draw, Morrow	1060				725/day
Wildcat Wolfcamp	1408]			66/day
]			
				j	
(3) Has all interest owners been notified b (4) Measurement type: X Metering X (5) Will commingling decrease the value of the Production value will be enhanced.	Other (Specify) Month	ly well tests.	X Yes No.	ng should be approved	
		SE COMMINGLINGS with the following in			
(1) Pool Name and Code.	ricase attach sheet	s with the following h	mormation		
(2) Is all production from same source of	supply?	o			
(3) Has all interest owners been notified by		posed commingling?	□Yes □N	lo	
(4) Measurement type: Metering	Other (Specify)				
	(C) POOL and	LEASE COMMIN	GLING		·
	, ,	s with the following i			
(1) Complete Sections A and E.					
	O) OFF-LEASE ST	ORAGE and MEA	SUREMENT	The state of the s	
		ets with the following			
(1) Is all production from same source of	•••	0			
(2) Include proof of notice to all interest o	wners.				
(E) AI		RMATION (for all s with the following in		ypes)	
(1) A schematic diagram of facility, include	ling legal location. Attack	hed for both lease facilitie	s: GAS COMMIN		
(2) A plat with lease boundaries showing			ers if Federal or St	ate lands are involved. A	ttached.
(3) Lease Names, Lease and Well Number	rs, and API Numbers. Lis	aing attached.			
I hereby certify that the information above is	and complete to the	best of my knowledge an	d belief.		
SIGNATURE: Mile Culo M		TTLE:Regulatory Age		DATE:5-1	-06
TYPE OR PRINT NAMEAnn E. Ritch	hie	ТЕГЕРНО	NE NO.:432	684-6381	

New Mexico Oil Conservation Division
Attachment to Form C-107-B: Section (E)
Application for Surface Commingling (Diverse Ownership)

Pogo Producing Company (017891)

Lake Wood 14, Well #2: 1830 FNL & 660' FWL; 30-015-33973 Section 14, T19S, R26E, Eddy County, New Mexico Completed in the Four Mile Draw-Morrow

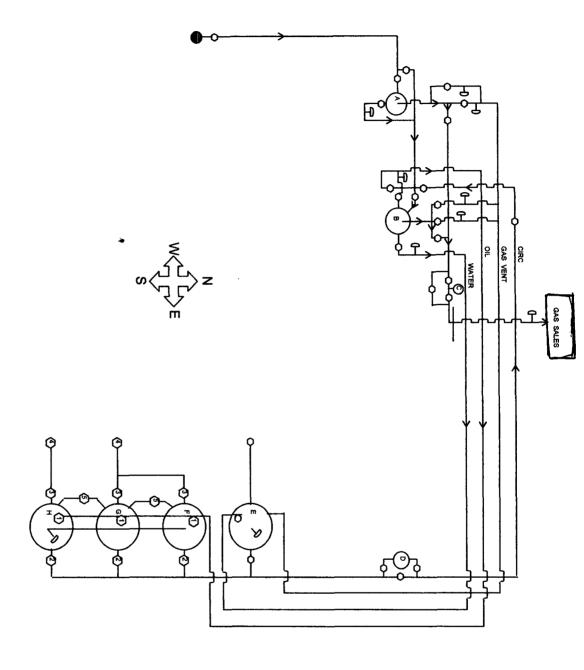
76960

Lake Wood 14, Well #4: 660 FSL & 660' FWL; 30-015-34605 Section 14, T19S, R26E, Eddy County, New Mexico Completion pending

Lake Wood 15, Well #1: 1750 FSL & 660' FEL; 30-015-33574 Section 15, T19S, R26E, Eddy County, New Mexico Re-completed in the Wildcat Wolfcamp

> Monthunt hake Me Millan Why cap 97463

LAKEWOOD 15 STATE #1 BATTERY



- Heater Treater Gas Separater
- Gas Meter

 $\mathbb{U} \mathbb{Q} \mathbb{Q} \mathbb{B} \mathbb{P}$

- Circ Pump
- F,G&H) Stock Tanks Water Tank

PRODUCTION SYSTEM - CLOSE

- Seal Requirements . Oil sales by tank gauge to truck
- A. Production Phase Valves 3 sealed closed.
- B. Sales Phase 1. Valves 1,2 & 5 sealed clos

Pogo Producing Company 300 N Marienfeld Suite 600 LOCATION OF SITE SECURITY PLAN Midland, Texas 79702-7340 P. O. Box 10340

SITE FACILITY DIAGRAM POGO PRODUCING COMPANY

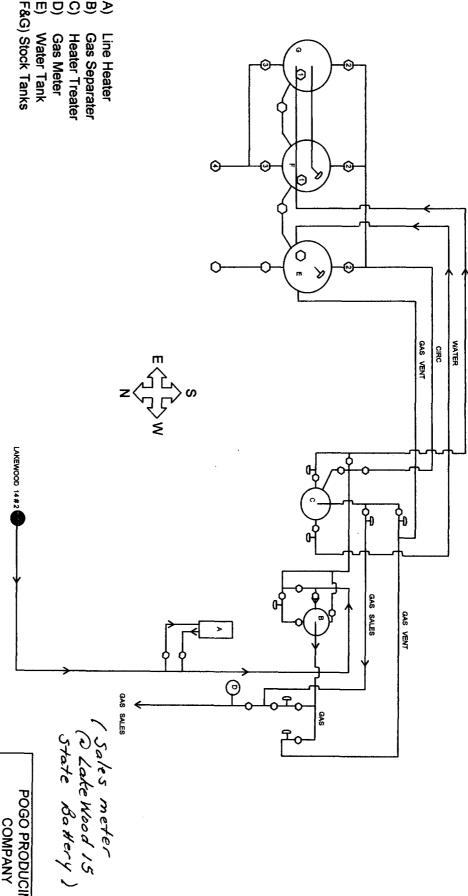
Revised 3/12/06

1750' FSL & 660' FEL Section 15, T-19-S, R-26-E

Lakewood 15 State #1

Eddy County, New Mexico

LAKEWOOD 14 #2 BATTERY



PRODUCTION SYSTEM - CLOSED

 $\mathbb{Z} \mathbb{Z} \mathbb{Q} \mathbb{Z} \mathbb{Z}$

- Oil /Condensate sales by tank gauge to truck.

- Seal Requirements A. Production Phase

Valves 3 sealed closed on stock tank being produced into

- Sales Phase
- 1. Valves 1 & 2 sealed closed.

Pogo Producing Company 300 N Marienfeld Suite 600 P. O. Box 10340 Midland, Texas 79702-7340 LOCATION OF SITE SECURITY PLAN

> SITE FACILITY DIAGRAM **POGO PRODUCING** COMPANY

Lakewood 14 # 2 1830' FNL & 660' FWL Section 14, T-19-S, R-26-E Eddy County, New Mexico API # 30-015-33973 Revised 3/11/06



Laboratory Services, Inc.

2609 West Marland Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR:

Metering & Testing Services Inc.

Attention: Mr. Tom Duncan 2807 West County Road

Hobbs, New Mexico 88240

SAMPLE:

IDENTIFICATION: Lakewood 15#1

COMPANY:

Pogo Producing Co.

LEASE: PLANT:

GAS (XX)

SAMPLE DATA: DATE SAMPLED: 6/21/05 4:00 pm

ANALYSIS DATE: PRESSURE - PSIG 6/22/05 100

SAMPLE TEMP. °F

ATMOS. TEMP. °F

95

SAMPLED BY:

LIQUID () Al Lewis

ANALYSIS BY:

Vickie Sullivan

REMARKS:

H2S = 3%

COMPONENT ANALYSIS

MOL

		IVIOL	_
COMPONENT		PERCENT	GPM
Hydrogen Sulfide	(H2S)	3.000	
Nitrogen	(N2)		
		1.589	
Carbon Dioxide	(CO2)	4.604	
Methane	(C1)	46.700	
Ethane	(C2)	31.670	8.450
Propane	(C3)	8.052	2.213
I-Butane	(IC4)	1.219	0.398
N-Butane	(NC4)	2.053	0.646
I-Pentane	(IC5)	0.417	0.152
N-Pentane	(NC5)	0.333	0.120
Hexane Plus	(C6+)	0.363	0.158
	(00.)	0.000	0.100
		100.000	12.137
BTU/CU.FT DRY	1408		MOLECULAR WT. 26.8370
AT 14.650 DRY			MOLECULAR W1. 26.6370
AT 14.650 WE			
AT 14.73 DRY			
AT 14.73 WE	Γ 1387		
SPECIFIC GRAVIT			
MEASURE)		



Laboratory Services, Inc.

2609 West Marland Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR:

Pogo Producing Company

Attention: Mr. Richard Wright

P. O. Box 10340 Midland, Texas 79702 SAMPLE:

Meter Run

IDENTIFICATION: Lakewood 14 #2

COMPANY:

Pogo Producing Co.

LEASE: PLANT:

SAMPLE DATA: DATE SAMPLED: 3/7/06 12:56 pm **ANALYSIS DATE:**

3/8/06

PRESSURE - PSIG SAMPLE TEMP. °F

40

ATMOS. TEMP. °F

78

REMARKS:

H2S =2 PPM

GAS (XX)

LIQUID ()

SAMPLED BY: ANALYSIS BY: **Charley Rich**

Vicki McDaniel

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H2\$)		
Nitrogen	(N2)	0.460	
Carbon Dioxide	(CÓ2)	1.532	
Methane	(C1)	91.965	
Ethane	(C2)	4.412	1.177
Propane	(C3)	0.878	0.241
I-Butane	(IC4)	0.132	0.043
N-Butane	(NC4)	0.136	0.043
I-Pentane	(IC5)	0.051	0.019
N-Pentane	(NCS)	0.040	0.014
Hexane Plus	(C6+)	0.394	0.171
		100.000	1.708

BTU/CU.FT. - DRY 1060 AT 14.650 DRY 1057 AT 14.650 WET 1038 AT 14.73 DRY 1063 AT 14.73 WET 1044

SPECIFIC GRAVITY -**CALCULATED**

MEASURED

0.616

MOLECULAR WT. 17.8540

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

1220 S. St. Francis Dr., Santa Pe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	² Poel Code	' Pool Name	
30-015-335	96085	Wildcat Wolfcamp	
⁴ Property Code		⁵ Property Name	" Well Number
34230	Lake Wood "15"	·	1
OGRID No.		* Operator Name	' Elevation
017891	Pogo Producing Compa	any	3313

10 Surface Location

					Surface	Location						
UL or let no.	Section	Township	Range	Let ldn	Peet from the	North/South line	Feet from the	East/West line		County		
1	15	195	26B		1750	South	660	East	Eddy			
L	11 Bottom Hole Location If Different From Surface											
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line		County		
1		1										
11 Dedicated Acres	13 Joint o	r Infill 14	Consolidation	Code 15 Or	der No.							
40												

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

r				
16			1	¹⁷ OPERATOR CERTIFICATION
	 			I hereby certify that the information contained herein is true
				and complete to the best of my knowledge and belief.
				Calhor Ullistet
			RECEIVED	Signature
				Separate U
		+	JUL 0 1 2005	Cathy Wright
		C	CO-AHTERIA	Printed Name
		•		Sr. Eng Tech
				Title and B-mail Address
		\.	`	06 (00 (00
				06/30/05 Date
				18SURVEYOR CERTIFICATION
			Gar Sales	I hereby certify that the well location shown on this plat was
			Gas Sales	plotted from field notes of actual surveys made by me or under
		•	Battery!	my supervision, and that the same is true and correct to the
			•-660 ->	best of my belief.
			1 000 - 9	- Jan 5, 11, 5 cong.
				Date of Survey
		,		Signature and Seal of Professional Surveyor:
		1	i	
			50	
			175	
				Certificate Number

DISTRICT I LOSS M. FRANCH DR., HUBBS, NM 88840

DISTRICT II

DISTRICT IV

State of New Mexico

Spersy, Minerals and Satural Resources Department

Form C-102

Revised JUNE 10, 2003

OIL CONSERVATION DIVISION Submit to Appropriate District Office 1220 SOUTH ST. FRANCIS DR. Santa Fe. New Mexico 87505

State Lease - 4 Copies Pee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

1801 W. GRAND AVENUR, ARTESIA, NO 88210

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

1200 S. ST. PRANCES DB., SANTA FR. I	图 87805		CI AMBINDED REI U	
API Number	Pool Code	Pool Name		
	76960	UNDES. FOUR MILE DRAW-MORROW	·	
Property Code	Prop	erty Name	Vell Number	
	LAKE	LAKE WOOD 14		
OGRID No.		ntor Name	Elevation	
17891	POGO PRODU	ICING COMPANY	3331'	

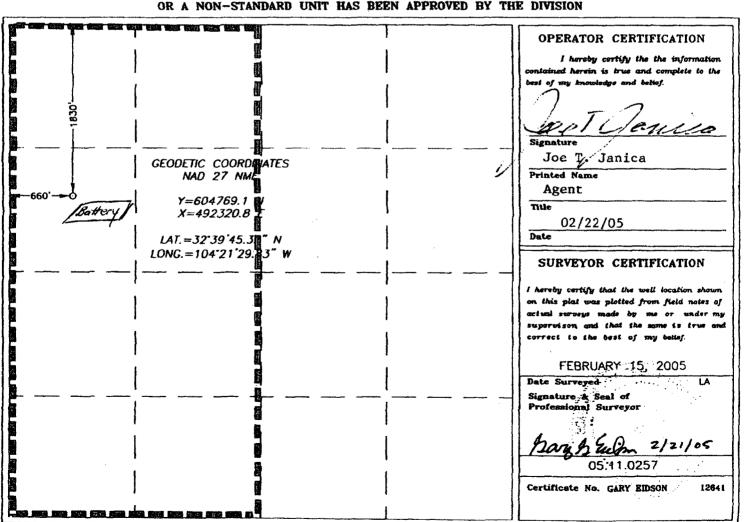
Surface Location

UL or lot No.	Section	Township	Kenge	Lot Idn	Peet from the	North/South line	Feet from the	East/West line	County
E	14	19-5	26-E	•	1830	NORTH	660	WEST	EDDY

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	Rast/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.				

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



State of New Mexico

DISTRICT I 1825 M. PHENCH DR., ECHES, HM 88240

Rnergy, Minerals and Natural Resources Department

DISTRICT II

17891

1201 W. GRAND AVENUE, ANTENIA, NIN 88210

DISTRICT III 1000 Bio Bruzus Rd., Aztec, PM 87410

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Revised JUNE 10, 2003 Submit to Appropriate Bistrict Office State Lease - 4 Copies

Fee Lease - 3 Copies

Form C-102

DISTRICT IV 1220 S. ST. PRANCES DS., SANTA PR. NO. 87505	WELL LOCATION AND	WELL LOCATION AND ACREAGE DEDICATION PLAT					
API Number	Pool Code	Pool Name					
	76960	UNDES. FOUR MILE DRAW-MORROW	·				
Property Code		roperty Name	Vell Rumber				
34604	LAK	E WOOD 14	4				
OGRID No.		perator Name	Elevation				
17891	POGO PRO	DUCING COMPANY	3295'				

Surface Location

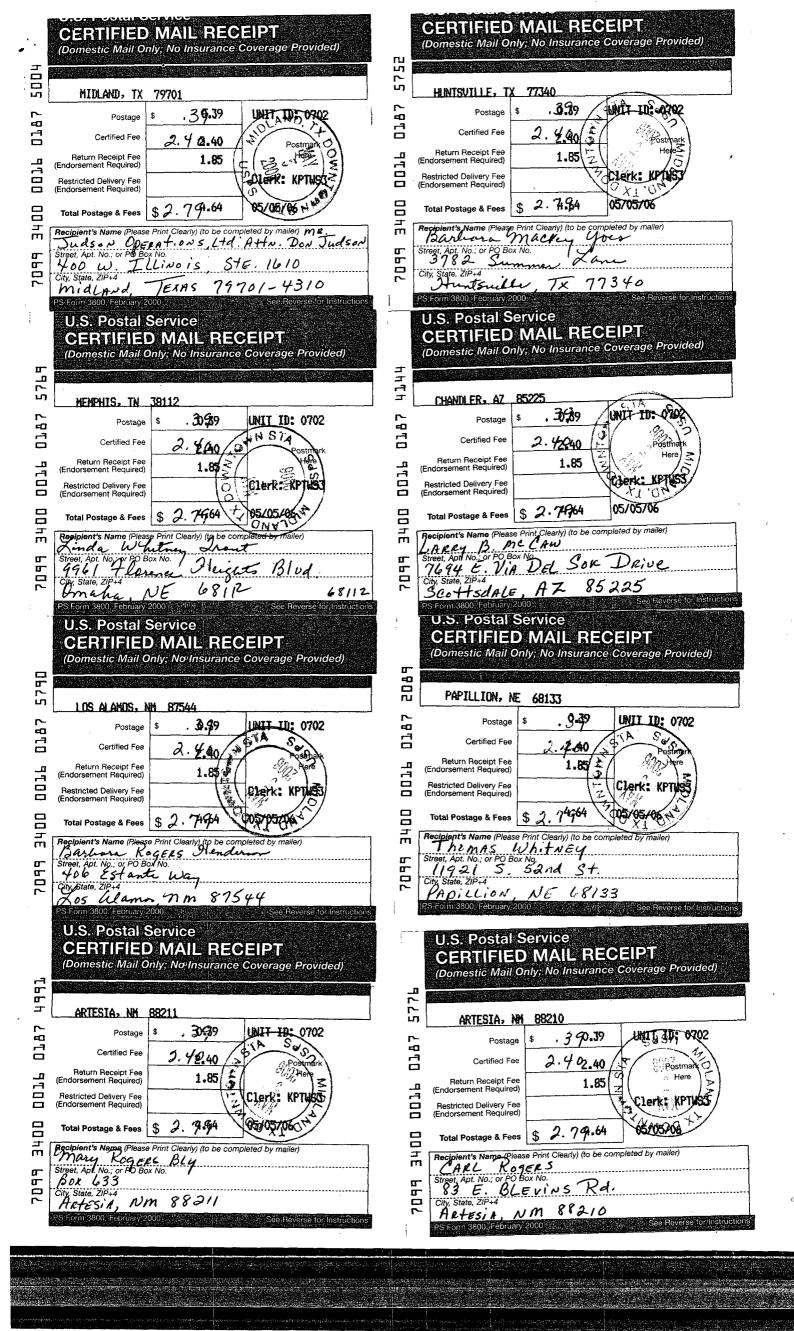
UL or lot No.	Section	Township	Range	Lot ide	Feet from the	North/South line	Feet from the	East/West line	County
М	14	19 –S	26-E		660	SOUTH	660	WEST	EDDY

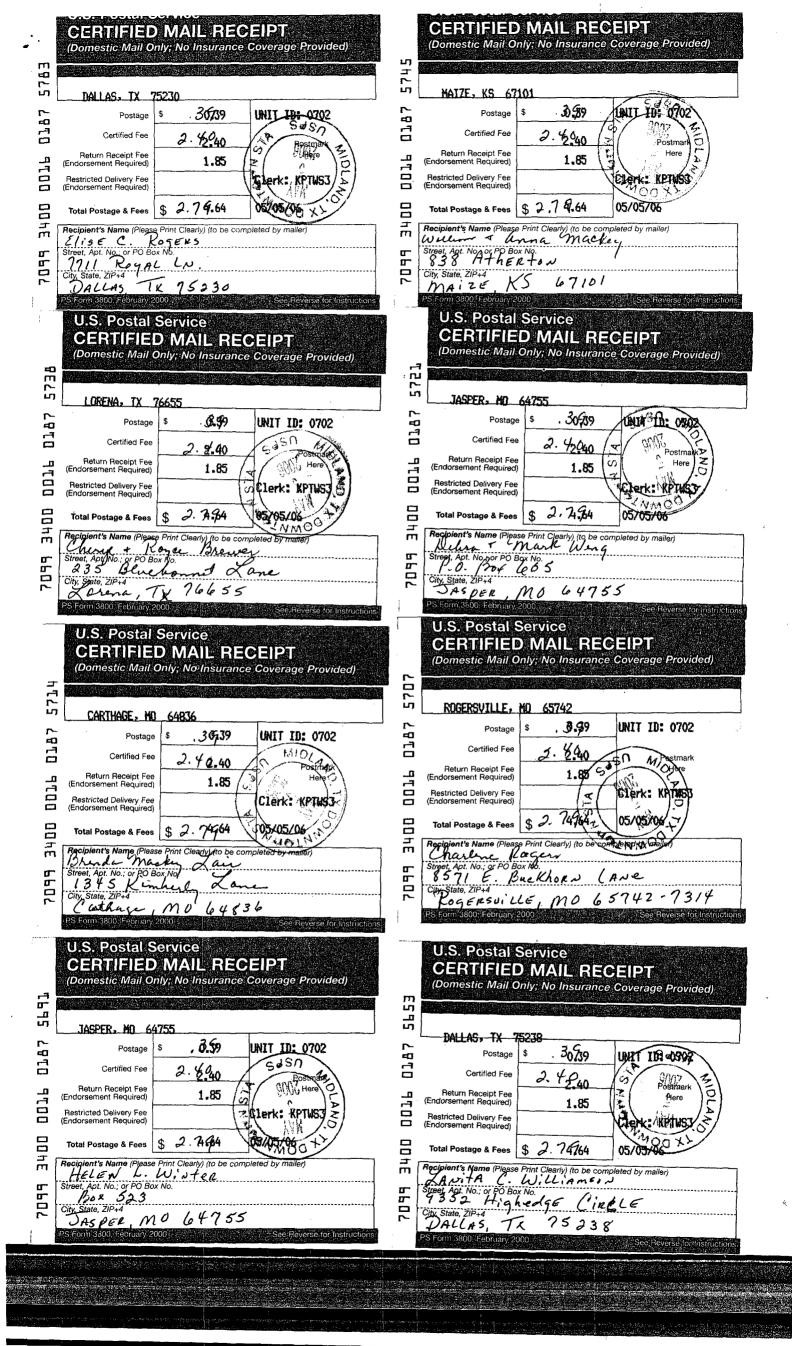
Bottom Hole Location If Different From Surface

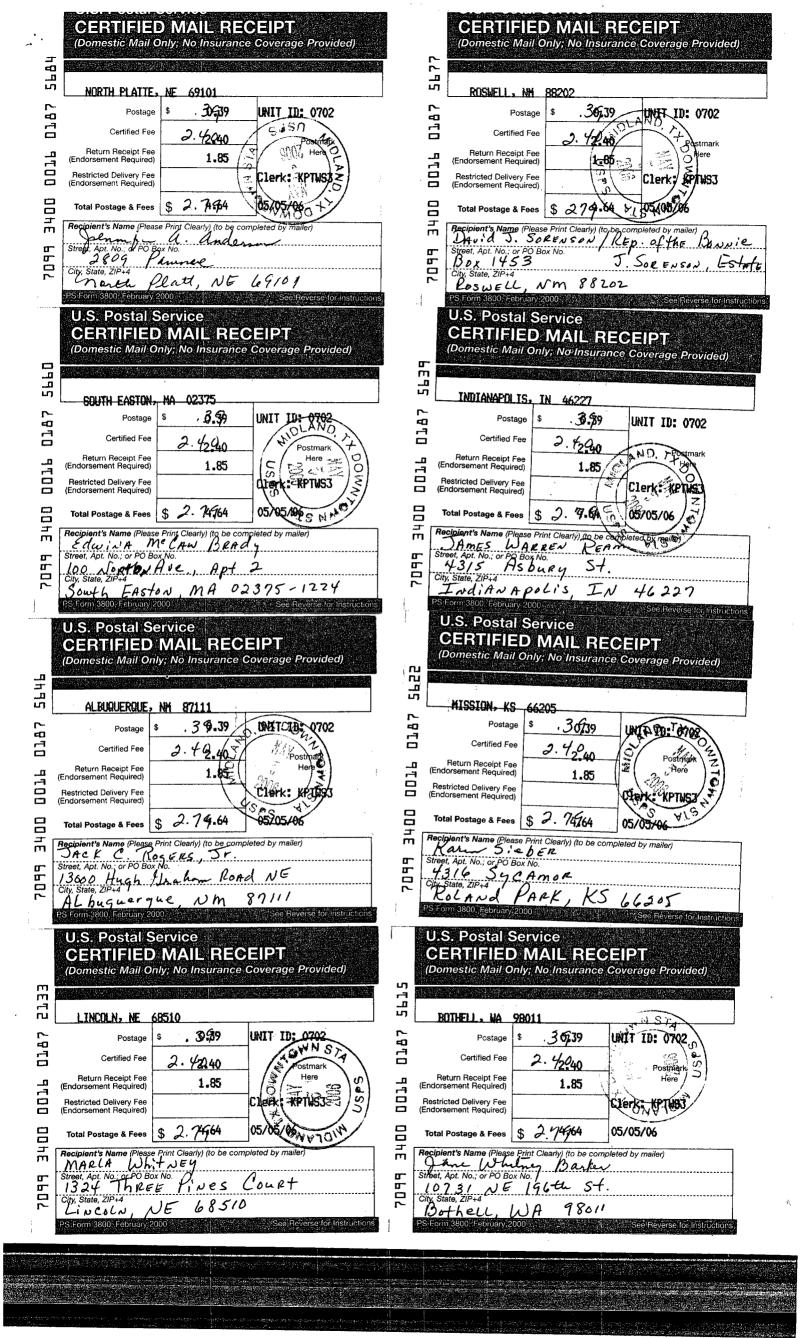
UL or hot No.	Section	Township	Range	Lot idn	Post from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r tofill	Consolidation (Code Or	der No.				
320						•			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OR A NON-STANI	DARD UNIT HAS BEEN APPROVED E	BY THE DIVISION
		OPERATOR CERTIFICATION
ſ	1	I hereby certify the the information
' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	İ	contained herein in true and complete to the
	1	best of my knowledge and belief.
	i	
ı	1	last house
]	Signature
	1	Joe T. Janica
		Printed Name
		Agent
Existing Gas Well		Title
·	<u>'</u>	02/06/06
		Date
	,	
		SURVEYOR CERTIFICATION
	i	I hereby certify that the well location shown
1	1	on this plat was plotted from fleid noise of
1	Ĭ	antual surveys made by me or under my
	i	supervison and that the same is true and correct to the best of my belief.
1	\	
	4	JANUARY 6, 2006
	[Date Surseyed E/Dulling LA
		Signature & Scal of S
GEODETIC COORDIN	TES	Professional Surveyor
NAD 27 NME	•	
Y=601904.1 N	(Ban 12 to Om 3/13/05
660 X=492351.9 E	1	06.11.0008
9		
EAT.=32'39'17.04 LONG.=104'21'29.4		Certificate No. GART RIBERT 12841
20161042/29.40		"In Profession in the second







CERTIFIED MAIL RECEIRT

CERTIFIED MAIL RECEIPT

