EW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -

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

apoiche 200 Fod & 48

ABOVE THIS LINE FOR DIVISION USE ONLY

	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 cation Acronyms:
, pp. 14	[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  [PC-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]  [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production-Response]
1]	TYPE OF APPLICATION - Check Those Which Apply for [A]  [A] Location - Spacing Unit - Simultaneous Dedication  NSL NSP SD  Apache Corporation's  Lee Federal 48 30-015-39897
	Check One Only for [B] or [C] [B] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM
	<ul> <li>[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery         WFX PMX SWD IPI EOR PPR</li> <li>[D] Other: Specify</li> </ul>
2].	NOTIFICATION REQUIRED TO: - Check Those Which Apply, or _ Does Not Apply Working, Royalty or Overriding Royalty Interest Owners  Offset Operators, Leaseholders or Surface Owner
	[C] Application is One Which Requires Published Legal Notice  Notification and/or Concurrent Approval by BLM or SLO  U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	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

- **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

BRIAN WOOD (505) 466-8120 FAX 466-9682

Title

Date

CONSULTANT

3-28-12

e-mail Address

brian@permitswest.com



REQUEST FOR ADMINISTRATIVE APPROVAL NONSTANDARD LOCATION APACHE CORPORATION'S LEE FEDERAL 48 1130' FSL & 330' FWL SECTION 20, T. 17 S., R. 31 E., EDDY COUNTY, NM API 30-015-39897

The proposed oil well is on BLM surface and BLM oil and gas lease NMLC-029395B. The well bore will be 330' from the closest lease line (Exhibit A). The proposed oil well is nonstandard for the Mar Loco; Glorieta-Yeso (Pool 97866) due to topography and land uses.

Apache requests a nonstandard location due to topography and land uses. The well was initially staked at 990 FSL & 330 FWL. However, that location was rejected by Carlsbad BLM (Tanner Nygren) due to an 18' wide draw (Exhibit B). BLM's recommendation was to stake it at 1100 FSL & 330 FWL. However, after it was staked, it was still too close to the draw. It was then staked at 1130 FSL & 330 FWL. This also eliminates the need for any new road and minimizes surface use. (See Exhibit B)

A standard location must be at least 330' from the quarter-quarter line. The well bore is 190' from the closest (north) guarter-guarter line (see C-102 as EXHIBIT C). It is 140' too far north.

A C-102 form showing the well and 40 acre pro ration unit (SWSW Section 20) is attached as EXHIBIT C.

The BLM oil and gas lease (1,786.15 acres) boundary is marked as a solid line on the attached (EXHIBIT D) topographic map. The well will encroach 140' too far north toward the NWSW Section 20. The encroachment is part of the same BLM lease.

One approved, but not yet drilled, Yeso well will be in the NWSW Section 20. Apache's Lee Federal 46 will be 1,104' north at 2230 FSL & 430 FWL Section 20. Apache, COG, McCombs, Premier, and Devon have 100% of the Yeso working interest in that quarter-quarter.

Five bordering or cornering quarter-quarters are part of the same BLM lease. The remaining three quarter-quarters are on different BLM leases.

III. The BLM oil and gas lease (1,786.15 acres) boundary is marked as a solid line on the attached (EXHIBIT D) topographic map. The well encroaches to the north. The encroachment (NWSW Section 20) is part of the same lease. The only Yeso well in the NWSW Section 20 is Apache's approved, but not yet drilled, Lee Federal 46. The quarter-quarter is part of the same BLM lease. Apache, COG, McCombs, Premier, and Devon have 100% of the Yeso working interest in that quarter-quarter and the two adjacent leases NMLC-031844 & NMLC-065014.

Three existing Yeso pro ration units (see Exhibit E) touch the proposed pro ration unit. All three (NESE Section 19 and NWSW & NESW Section 20) are Apache operated. Closest (1,522' northwest) existing Yeso well is Apache's Straight Line Federal 1 at 1650 FSL & 1100 FEL 19-17s-31e; API 30-015-34087 (see Exhibit E). Closest (1,104' north-northeast) proposed Yeso well is Apache's Lee Federal 46 at 2230 FSL & 430 FWL 20-17s-31e; API 30-015-39915 (see Exhibit E).

- IV. See Exhibit E for the proposed well, proration unit and all wells. Apache does not believe directional drilling to a standard location from an existing pad is cost effective for this well.
- V. In addition to the 18' wide draw, there are numerous manmade land use constraints (see Exhibit F). There are three active Linn wells and their roads, ten rights-of-way, and a caliche pit in the SWSW Section 20. Exhibit F only shows actions authorized by rights-of-way or mineral material sales. It does not show actions authorized by APDs or Sundry Notice for on lease activities by lease (well) operators. The right-of-way and mineral sale dimensions are:

HEP's 50' wide pipeline right-of-way
two Plains' 50' wide pipeline rights-of-way
Marbob's 50' wide pipeline right-of-way
Socorro's 6,500 cubic yard caliche pit
Linn's 50' wide pipeline right-of-way
three Central Valley Electric 30' wide power line rights-of-way
Oxy's 50' wide pipeline pipeline right-of-way
Oxy's 30' wide road right-of-way

VI. Archaeology is not an issue.



VII. The well was planned to be staked at 990 FSL & 330 FWL. However, that location would have blocked an 18' wide arroyo.

VIII. Apache does not believe directional drilling to a standard location is cost effective for this well.

IX. I hereby certify that Apache Corporation, COG Operating, McCombs Energy, Premier Oil & Gas, and Devon Energy have 100% of the Yeso working interest in the lease which comprises the proposed 40 acre spacing unit and the adjacent quarter-quarters on one or more of the two sides or the single closest corner to the proposed well toward which it encroaches and that the information is current and correct.

I hereby attest that I, on or before the date that the application was submitted to the division, sent notification to the affected persons (see EXHIBIT G) by certified mail, return receipt requested, advising them that if they have an objection it must be filed in writing within 20 days from the date the division receives the application. These affected persons have working or royalty interests in quarter-quarters which border the 40 acre spacing unit. None of the affected persons have working interests within 330' of the well bore. Said notice was sent to:

BLM
COG Operating LLC
McCombs Energy Ltd.
Premier Oil & Gas Inc.
Devon Energy Production Company LP

Brian Wood, Consultant

Date



3-28-12

STATE OF NEW MEXICO	)
	) SS:
COUNTY OF SANTA FE	)

The foregoing instrument was acknowledged before me this 28th day of March, 2012 by Brian Wood. Witness my hand and official seal.

Notary Public

My Commission Expires: 9-10-19

Business Address: 37 VERANO LOOP, SANTA FE, NM 87508

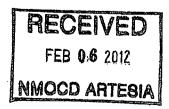
cc: May, OCD (Hobbs & Santa Fe)

## **OCD Artesia**

Form 3160-3 (April 2004)  UNITED STATES  DEPARTMENT OF THE INT  BUREAU OF LAND MANAC	FORM APPROVED OMB No 1004-0137 Expires March 31, 2007  5 Lease Serial No. NMLC-029395B				
APPLICATION FOR PERMIT TO DE	6 If Indian, Allotee or Tribe Name				
la. Type of work:			7 If Unit or CA Agr	eement, Name and	j No
Ib Type of Well.	Single Zone Multi	ple Zone	8 Lease Name and LEE FEDER	Well No AL #048 (30872	20)
2 Name of Operator  APACHE CORPORATION	<b>187</b>	37	9 API Well No. 30-015-	3897	
3a Address 303 VETERANS AIRPARK LN., STE. 3000 MIDLAND, TX 79705	Phone No. (include area code) 432-818-1025		10 Field and Pool, or	Exploratory	eta-Ve
4. Location of Well (Report location clearly and in accordance with any St.	ate requirements.*)	<u> </u>	11. Sec, T R M. or E	31k and Survey or	Area
At surface 1130' FSL & 330' FWL  At proposed prod zone SAME			UL M, S20, T	17S, R31E	
14 Distance in miles and direction from nearest town or post office* APPROX. 4 MILES EAST OF LOCO HILLS, NM			12 County or Parish EDDY	13 St	ate NM
location to nearest	6. No. of acres in lease 1786.15	17 Spacir	g Unit dedicated to this	weil	
18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft	9 Proposed Depth 6500'	1	BIA Bond No. on file -CO-1463 NATION	WIDE	
, , , , , , , , , , , , , , , , , , , ,	Approximate date work will sta	•	23. Estimated duration ~10 DAYS	ón	
	24. Attachments				
The following, completed in accordance with the requirements of Onshore C  1 Well plat certified by a registered surveyor  2 A Drilling Plan  3. A Surface Use Plan (if the location is on National Forest System Lar SUPO shall be filed with the appropriate Forest Service Office)	4 Bond to cover to Item 20 above).  ds, the 5 Operator certific	he operation specific info	is form.  ns unless covered by an  ormation and/or plans a:	· ·	·
25. Signature Title	Name (Printed/Typed) RONDA WHITE	-		Date //-/.	1-11
DRÍLLING TECH					
Approved by (Signature)  /s/ Don Peterson	Name (Printed/Typed)			Date FEB 1	2012
Title FIELD MANAGER			LD OFFICE		
Application approval does not warrant or certify that the applicant holds le conduct operations thereon.  Conditions of approval, if any, are attached.	gal or equitable title to those righ	ts in the sul APP	ROVAL FOR		4RS
Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime States any false, fictitious or fraudulent statements or representations as to an	e for any person knowingly and v ny matter within its jurisdiction.	willfully to n	nake to any department of	or agency of the	United

\*(Instructions on page 2)

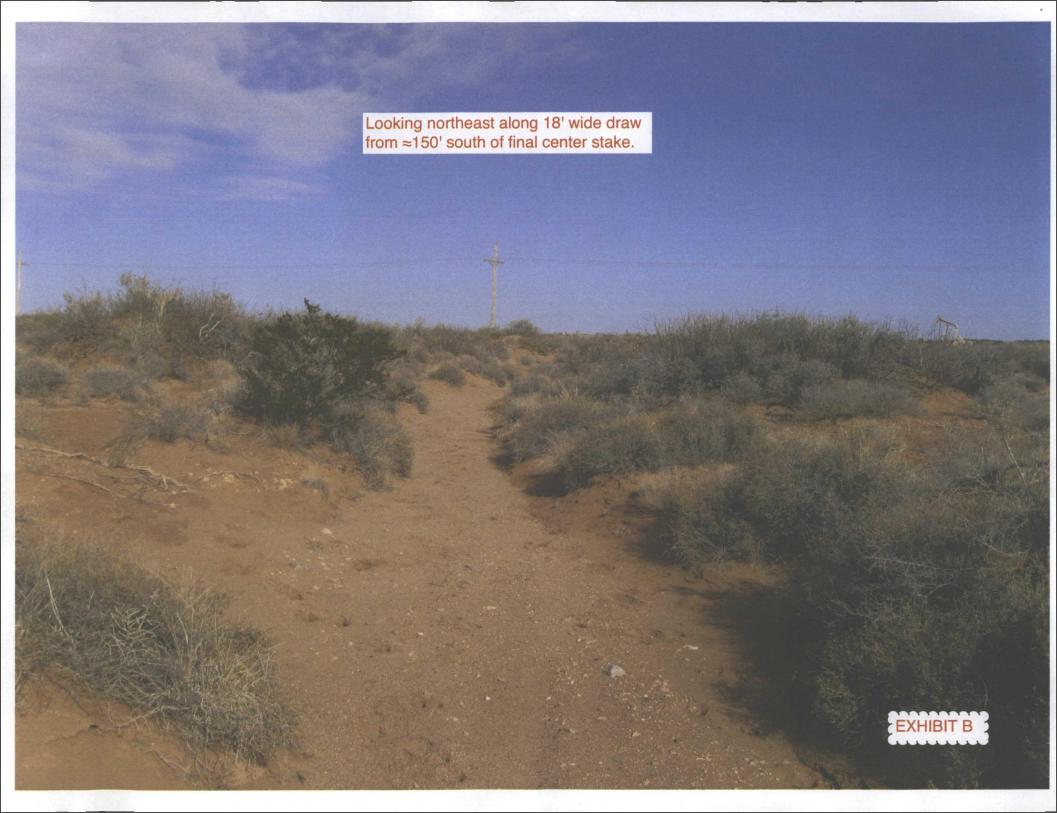
**Roswell Controlled Water Basin** 

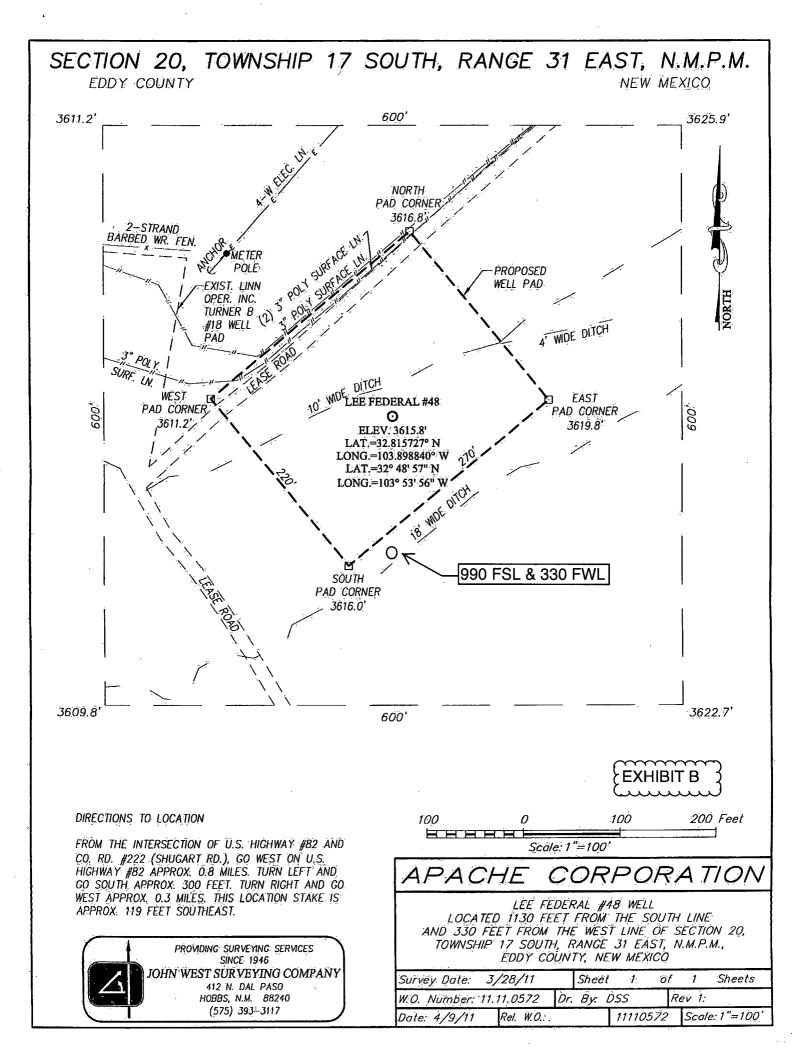


Approval Subject to General Requirements & Special Stipulations Attached



SEE ATTACHED FOR CONDITIONS OF APPROVAL





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
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

## State of New Mexico

Energy, Minerals & Natural Resources Department

## OIL CONSERVATION DIVISION

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

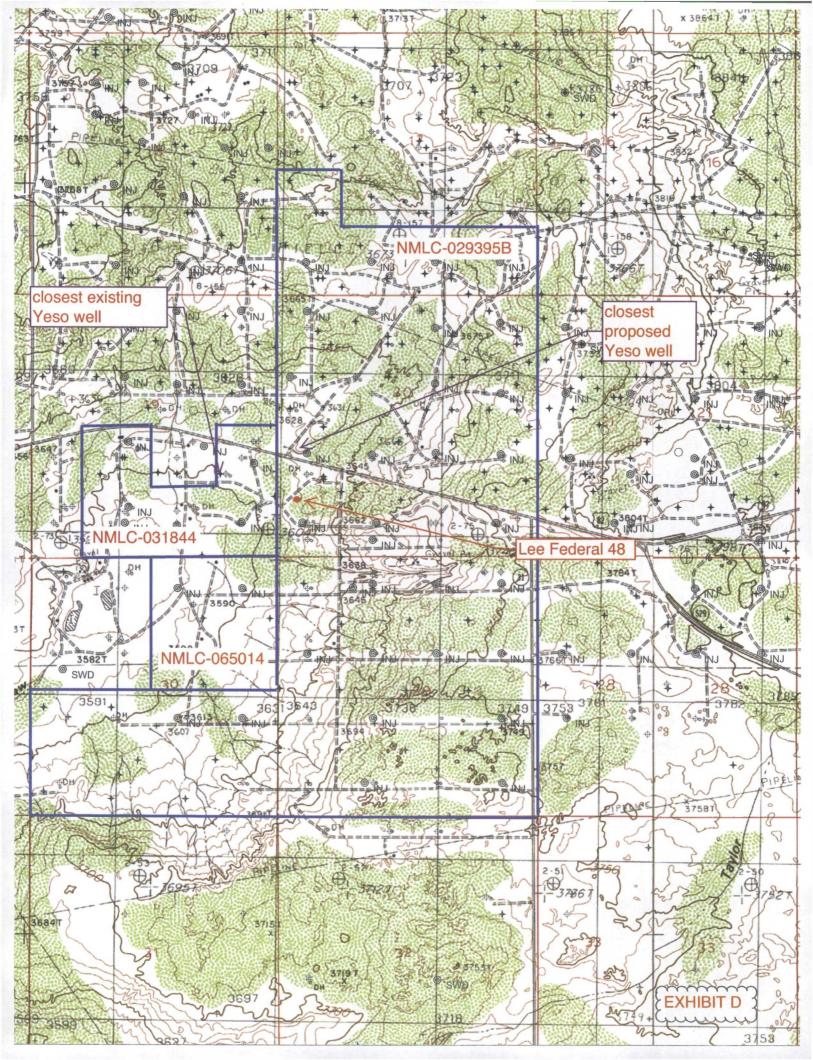
Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

☐ AMENDED REPORT

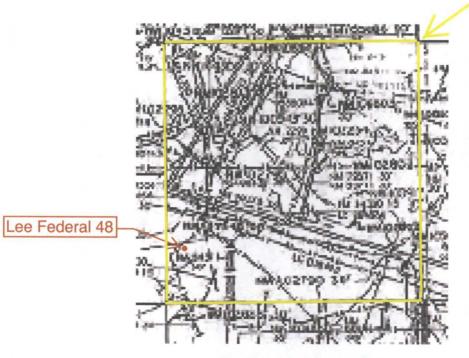
MAR LOCO; CloriviA - YUSO

## WELL LOCATION AND ACREAGE DEDICATION PLAT

2 Property Co	de つった		•	•	Property Nam		77		Number 40			
30 3 7 0 OGRID No	XU_								48 levation			
272				Operator Name  APACHE CORPORATION				Elevation 3616'				
01	<u></u>	l		, , (	Surface Loca							
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
M	20	17-S	31-E	Locidii	1130	SOUTH	330	WEST	EDDY			
		1, 17-0	<u> </u>		<u> </u>			WEST				
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	County			
Dedicated Acres	Joint o	r Infill C	onsolidation Co	ode Ord	er No.							
ALLOWABLE WILL	BE ASSIGN	ED TO THIS CO	MPLETION UN	TIL ALL INTER	RESTS HAVE BEEN (	CONSOLIDATED OR A I	OPEF	RATOR CERTIFI rufy that the information h	CATION erein is true and e and belief, and			
	NAD 2 SURFACE Y=6607	LOCATION 746.8 N					unieased n proposed t well at this of such min pooling agi	ganization either owns a wineral interest in the land olineral interest in the land location pursuant to a con leral or working interest, of reement or a compulsory is entered by the division.	including the s a nght to drill this tract with an owner r to a voluntary			
L: L	AT.=32°				-		Signature Printed N	pla lehite	11-8-1 1+e			
			·	<u> </u>	ETAIL		ROAD E-mail Ad SURV	A. White O dress /EYOR CERTIFI	Apachecol Com Cation			
				3611.2'	3625.9' O 001		was plotted me or unde	ritiy that the well location of the field notes of actual or my supervision, and that to the best of my belief.  MARCH 28, 20	surveys made by t the same is true			
330′ <b>⊘</b> S.L		· <del></del> -		3609.8	3622 7'   		Date of Signature	arvey & Seal of Professiona Commanda LD J. E	Cuprovor			
SEE DET	<u>AIL</u>	•			}		REGIS	3239 E	XHIBIT C			
							/Certificate	Number Gary E. Ronalds	Eldson 12641 Eldson 3239 W.O.: 11.11 0572			







Section 20 (excerpt from BLM Master Title Plat)



Devon Energy Production Company LP 20 North Broadway, #1500 Oklahoma city, OK 73102

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following nonstandard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

Apache Corporation is applying to drill its Lee Federal 48 oil well. The minimum state distance for such an oil well is 330' from a quarter-quarter line. The well is 140' further north than is standard (see attachment). Thus, it is a nonstandard location. The NSL is due to topography and land use.

Well Name: Lee Federal 48 TD: 6,500'
Proposed NSL Zone: Mar Loco; Glorieta-Yeso

NSL Acreage Dedication: 40 acres (SWSW Section 20)

Location: 1130' FSL & 330' FWL Sec. 20, T. 17 S., R.31 E., Eddy County, NM

on BLM lease NMLC-029395B (well is 330' from lease boundary)

<u>Approximate Location:</u> ≈4 air miles east of Loco Hills, NM <u>Applicant Name:</u> Apache Corporation (432) 818-1167

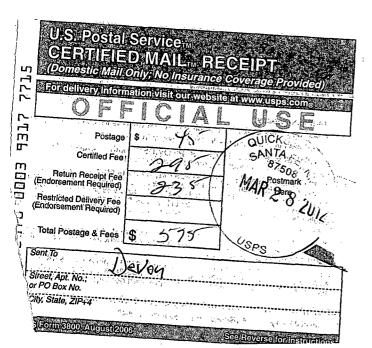
Applicant's Address: 303 Veterans Airpark Lane, Suite 3000, Midland, TX 79705

<u>Submittal Information:</u> Application for a nonstandard location will be filed with the NM Oil Conservation Division (NMOCD). If you have an objection, then it must be filed in writing within 20 days from the date the NMOCD receives the application. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,

Brian Wood





Premier Oil & Gas Inc. P. O. Box 1246 Artesia, NM 88210

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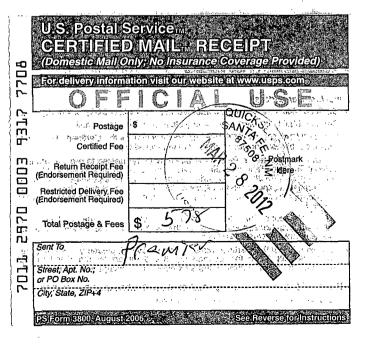
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McCombs Energy Ltd. 5599 San Felipe St., #1220 Houston, TX 77056-2724

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COG Operating LLC 550 West Texas Ave., Suite 100 Midland, TX 79701

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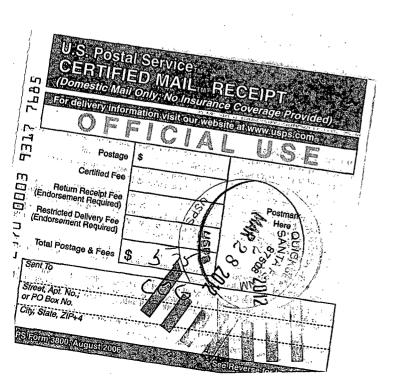
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BLM 620 E. Greene St. Carlsbad, NM 88220

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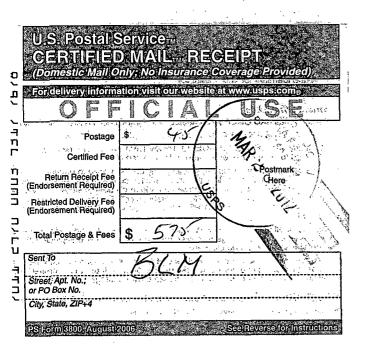
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