ABOVE 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**

ТН	IS CHECKLIST IS MA	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Applic	[DHC-Down [PC-Poo	
[1]	TYPE OF AP	PLICATION - Check Those Which Apply for [A]  Location - Spacing Unit - Simultaneous Dedication  NSL NSP SD
	Check [B]	One Only for [B] or [C]  Commingling - Storage - Measurement  DHC CTB PC DLS DLM
	, [C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  WFX PMX SWD IPI EOR PPR
	[D]	Other: Specify
[2]	NOTIFICATI [A]	ON REQUIRED TO: - Check Those Which Apply, or Does Not Apply  Working, Royalty or Overriding Royalty Interest Owners
	[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]		CURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE TION INDICATED ABOVE.
	al is <b>accurate</b> an	<b>CION:</b> I hereby certify that the information submitted with this application for administrative ad <b>complete</b> to the best of my knowledge. I also understand that <b>no action</b> will be taken on this juired information and notifications are submitted to the Division.
•	Note:	Statement must be completed by an individual with managerial and/or supervisory capacity.
Matt Print or	Type Name	Signature  Regulatory Analyst  Title  Mett. calculatory Con  e-mail Address
		Mett. oglen eneritenery. com

### District I

1625 N French Drive, Hobbs, NM 88240

State of New Mexico

Form C-107A Revised June 10, 2003

#### District II

District III
1000 Rio Brazos Road, Aztec, NM 87410

**District IV** 

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

E-MAIL ADDRESS matt.ogden@meritenergy.com

# Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

APPLICATION TYPE X Single Well Establish Pre-Approved Pools EXISTING WELLBORE

# APPLICATION FOR DOWNHOLE COMMINGLING

\_X\_ Yes \_\_\_\_No

				t	A+C-	सम्ड		
Merit Energy Company				Ste 500 Dallas, 7	TX 7524	<u> </u>		
Operator	02	R-14	Address 5-23S-36E				_	
State A A/C 1 Lease	Well No.		etter-Section-Towns	shin-Range		<u>L</u>	Lea County	
OGRID No. 14591 Property C					I	Padami	•	Fac
OGRID No. 14391 Property C	ode	API No	00-023-10723	Lease Type	e:r	ederai _	_ <u></u>	
DATA ELEMENT	UPP	ER ZONE	INTERM	MEDIATE ZONE	3	LOW	VER ZONE	111
Pool Name	Jalmat Tansi	l Yates 7-River	'S		Eu	nice 7 Ri	vers Queen S	South
Pool Code	79240				24	130		•
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3002'-3112'		· · · · · · · · · · · · · · · · · · ·		36	02'-3634'		
Method of Production (Flowing or Artificial Lift)	Artificial Lif	ît			Ar	tificial Li	ft	
Bottomhole Pressure (Note Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	NA				N/	<b>A</b>		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1.3174				33	.6 API/1	2088 BTU	
Producing, Shut-In or New Zone	Producing	1				ew Zone		
Date and Oil/Gas/Water Rates of Last Production. (Note For new zones with no production history,	Date: 07/10	0/2011	Date:		D	ate:		
applicant shall be required to attach production  estimates and supporting data)	Rates: 40m	cf/0 BO	Rates:		R	ates: 10	mcf/2 BO	
Fixed Allocation Percentage (Note If allocation is based upon something other	Oil	Gas	Oil	Gas	0	Pil	Gas	
than current or past production, supporting data or explanation will be required )	.0	% 80	%	%	%	100	% 20	) %
		ADDIT	IONAL DATA		,			
Are all working, royalty and overriding If not, have all working, royalty and over						Yes Yes		
Are all produced fluids from all comm	ingled zones co	ompatible with ea	ch other?			Yes	sX_No_	
Will commingling decrease the value of	of production?					Yes	sNo_	X
If this well is on, or communitized with or the United States Bureau of Land M	h, state or feder Ianagement bee	al lands, has eith n notified in writ	er the Commissio ing of this applica	ner of Public Landation?	S	Yes	sX_No_	
NMOCD Reference Case No. applicab	ole to this well:							
Attachments:  C-102 for each zone to be commin Production curve for each zone for For zones with no production hist Data to support allocation method Notification list of working, royalt Any additional statements, data or	r at least one ye ory, estimated p or formula. ty and overridin	ear. (If not availal production rates a ag royalty interest	ole, attach explana and supporting dates as for uncommon	ation.) ta.				
S		PRE-APP	ROVED POOI	<u>_</u> s				
If application is	s to establish Pr	e-Approved Poo	ls, the following a	additional informati	ion will b	e required:		
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottomhole pressure data	ed Pre-Approve	d Pools	•			٠		
I hereby certify that the information	n above is true	e and complete	to the best of m	y knowledge and	belief.			
SIGNATURE MATERIAL		TITLE	Regulatory A	nalyst .	D.	ATE_07/	11/2011	
TVPE OR PRINT NAME Matt Oo	rden		TE	T EDUONE NO	(	) (072)	628-1603	

District I 1625 N. French Dr., Hobbs. NM 88240 District II PO Drawer DD, Artesia, NM 88211-0719

State of New Mexico
Energy, Minerals & Natural Resources Department

2003 Revised February 21; 1994 5 5 5 instructions on back Submit to Appropriate District Office State Lease - 4 Copies

District III 1000 Rio Brazos Rd. Aztec, NM 87410 OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Fee Lease - 3 Copies AMENDED REPORT

District IV PO Box 2088, Santa Fe. NM 87504-2088

		WE	ELL LO	CATION	AND A	CREAGE DE	DICA	TION PL	AT		
Al	er		2 Pool Code 3 Pool Name								
	10723		79240 Jalmat: Tan-Yates-7 rvrs (Pro Gas)								
4 Property			5 Property Name			1			6 We	ll Number	
24669	!			State "A	A" A/C 1			_	8	<b>?</b> ≥	
7 OGRID No.			8 Operator Name				9 Elevation			levation	
16279	.				Raptor F	Resources	•				
					10 Surfa	ce Location	ł				
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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the			Feet from the	East/We	st line	County
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		OR A	NON-ST	ANDARD	UNIT HAS	BEEN APPROV	ED BY	Y THE DIVI	SION		
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District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 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 July 16, 2010
Submit one copy to appropriate
District Office

AMENDED REPORT

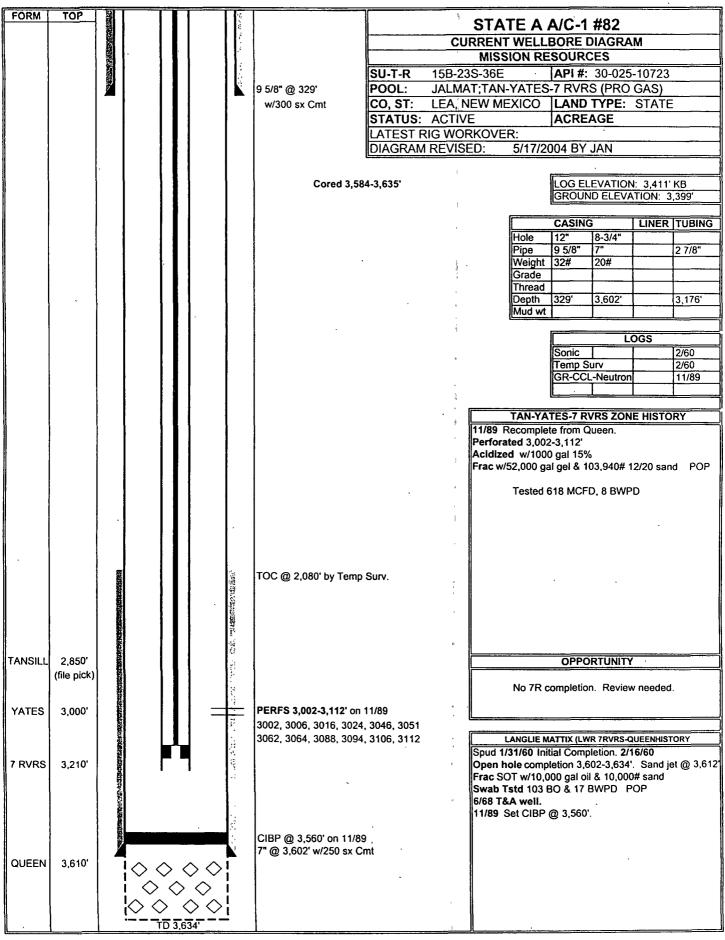
1301 W. Grand Avenue, Artesia, NM 882 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u>

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

. 1 API Number				<sup>2</sup> Pool Code	)	³ Pool Name						
30-025-10723	3		24130	0	Eun	Eunice 7 Rivers Queen South						
<sup>4</sup> Property C	ode				<sup>5</sup> Property		8,	Well Number				
		State A A	/C 1					82				
OGRID N	lo.		<sup>8</sup> Operator Name <sup>9</sup> Elevati									
14591		Merit Ene	rgy Com	oany								
	•				<sup>10</sup> Surface	Location		•				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
В	15	23S	36E		660	North	1980	East	Lea			
			<sup>11</sup> Bot	ttom Hol	e Location It	Different From	m Surface	1100 T. 11100 T.				
UL or lot no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feat from the	East/West line	County			
1							1					
12 Dedicated Acres	13 Joint or	r Infill <sup>14</sup> C	onsolidation	Code 15 Or	der No.	<u> </u>			<del></del>			
40												
		<u>-</u>		<b>_</b>			<u> </u>					

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.

16	F 0	F	į ,	<sup>17</sup> OPERATOR CERTIFICATION
	3	<b>-</b>	'	I hereby certify that the information contained herein is true and complete to the
	1980'	[		best of my knowledge and belief, and that this organization either owns a
	±82 ·	}	s L	working interest or unleased mineral interest in the land including the proposed
			4	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
•	-	<u> </u>		voluntary pooling agreement or a compulsory pooling order heretofore entered
				by the division
			1 .	07/11/2011
		•		Signature Date
				Matt Ogden
			1	Printed Name
			*	matt.ogden@meritenergy.com
١			•	E-mail Address
			,	
			•	18SURVEYOR 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.
				Des Griffy Delia.
				Date of Survey
			i u	Signature and Seal of Professional Surveyor:
,		,		
				,
			1	,
				Certificate Number
	<u> </u>			

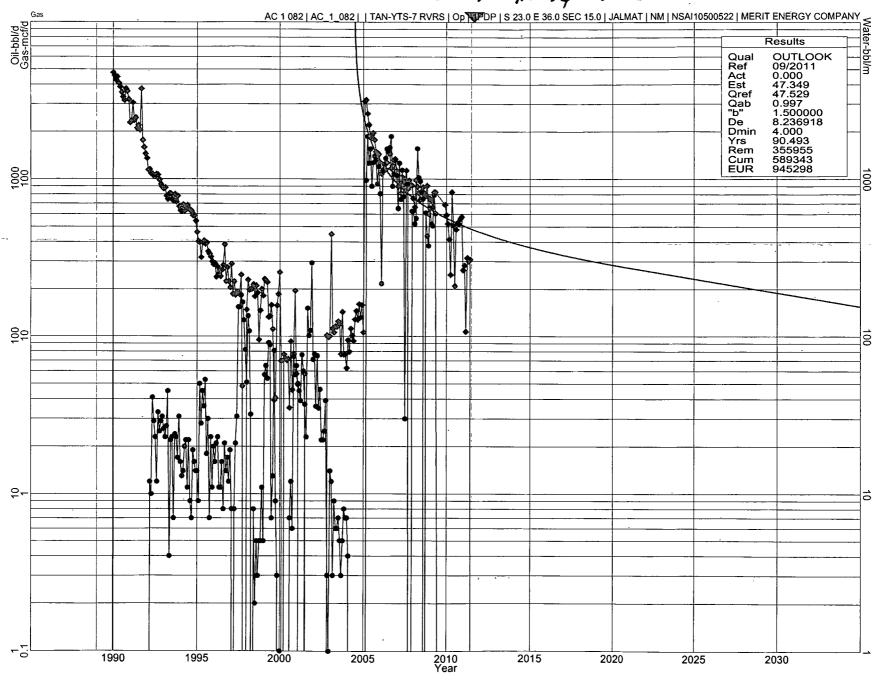


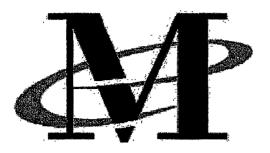
X Well File

X OCD File

OIL WOOD WHEN ZBUPD

Gro 2000 QUEDN IUMCFO 8000 yts-Truns \$0 Mchl





Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240

Date:

July 13, 2011

To:

New Mexico Oil Conservation Division

Attention:

William V Jones P.E.

RE.

Jalmat Field: AAC-1 #82 -Queen Commingling

Lea County, New Mexico

Merit Energy Company has requested approval to commingle the Yates formation (Jalmat Pool) with the Queen formation (Langlie-Mattix).

This well that we are asking to commingle does have "identically owned" (working/royalty/orri) interest from the surface to the base of the queen formation.

Please let me know if you have any questions

Sincere

Matt Van Eaton
Associate Landman

matt.vaneaton@meritenergy.com

Phone: 972-628-1557 Fax: 972-682-1857



Merit Energy Company 13727 Noél Road, Suite 500 Dallas, TX 75240

Date:

July 11, 2011

To:

New Mexico Oil Conservation Division

Attention:

William V Jones P.E.

RE.

**Jalmat Field: 3 Commingling Applications** 

Lea County, New Mexico

Merit Energy Company has requested approval to commingle the Queen formation (Langlie Mattix Pool) with the Tansill-Yates-Seven Rivers formation (Jalmat Pool).

Commingling the Jalmat Pool with the Langlie Mattix Pool in G 15/23 T22S R36E and B 15 T23S R36E in Lea County is in the interest of both royalty owners and the conservation. Commingling will extend the life of each well and optimize recovery from Both Pools. The 3 well's commercial value will be extended 30 years based on estimated reserves from the Queen formation, and will ultimately allow uncommercial Jalmat Pool reserves to be recovered via production from the Queen. The Queen Completions are uneconomic if it is required by the NMOCD to seal off the Jalmat Pool from the Langlie Mattix Pool. Operationally, fluid samples will be collected before and after commingling. Scale inhibitors will be continuously pumped during operations. The fluid level will be maintained below the Jalmat pool both to optimize production and reduce any scaling tendencies.

Please let me know if you have any questions

Sincerely,

Brett Keener Operations Engineer brett.keener@meritenergy.com Phone: 972-628-1592

Fax: 972-682-1892