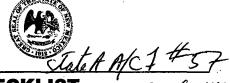
NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

TH	IIS 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	ation Acronyms	s:
	[DHC-Dowr [PC-Po	Idard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] Inhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] Inhole Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] INFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] INFX-Waterflood Expansion] [IPI-Injection Pressure Increase] Infied Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
Γ13	_	
[1]	[A]	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 PLC PC OLS OLM
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI BOR 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 <mark>accurate</mark> an	TION: I hereby certify that the information submitted with this application for administrative d complete to the best of my knowledge. I also understand that no action will be taken on this uired information and notifications are submitted to the Division.
Met Print or	Note:	Statement must be completed by an individual with managerial and/or supervisory capacity. Zeen - Lory Analyst 2/20/12 Title Date Date

District II 811 S. First St., 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, New Mexico 87505

Form C-107A Revised August 1, 2011

APPLICATION TYPE

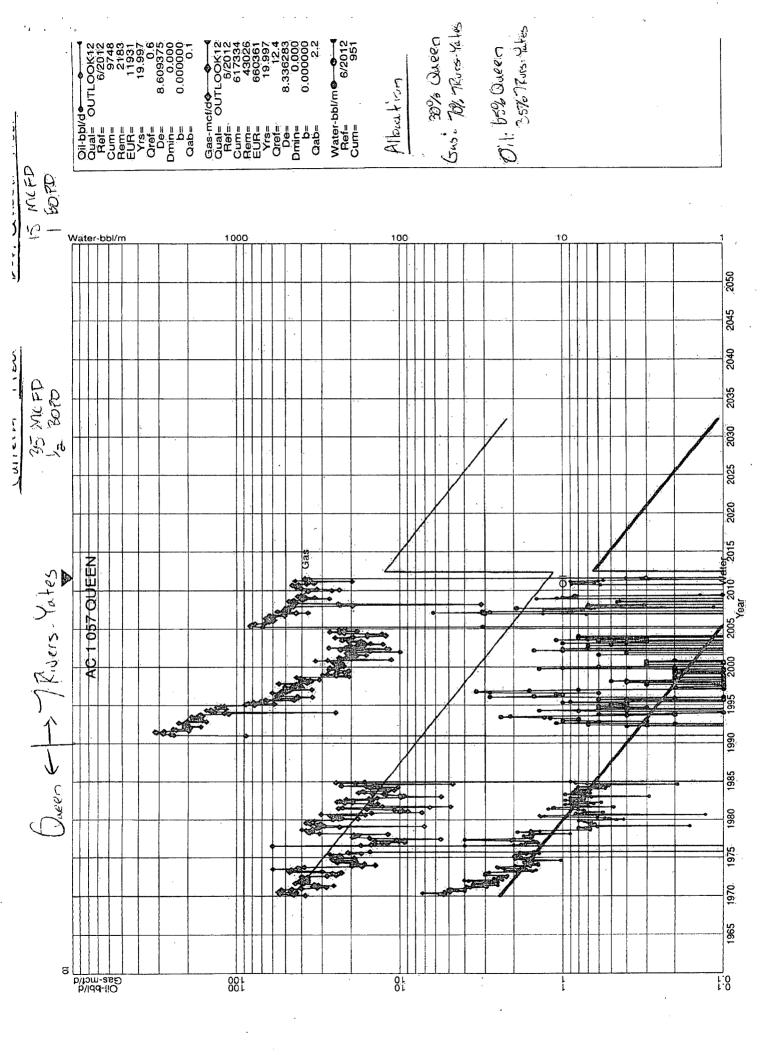
X Single Well
X Establish Pre-Approved Pools
EXISTING WELLBORE

X_Yes ___No

APPLICATION FOR DOWNHOLE COMMINGLING

Merit Energy Company Operator		727 Noel Rd Ste 500 Dallas, TX 7 dress	5240
State A A/C 1	57 B-13-23	S-36E	Lea
Lease	Well No. Unit Letter-	Section-Township-Range	County
OGRID No. 14591 Property Co	ode API No. <u>30-025</u>	5-09344 Lease Type:	Federal _X _StateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Jalmat Tansil Yates 7-Rivers	sy L	Eunice 7 Rivers Queen 80
Pool Code	79240		24130
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2808'-3392'		3454'-3624'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
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		NA ·
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		New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date: 02/20/2012	Date:	Date:
estimates and supporting data.)	Rates: 0.5BO; 35MCF	Rates:	Rates: 1BO;15 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or	Oil Gas	Oil Gas · %	Oil Gas
explanation will be required.)	35 % 70 %	70 70	65 % 30 %
	ADDITIO	NAL DATA	
Are all working, royalty and overriding If not, have all working, royalty and ov			Yes No Yes No
Are all produced fluids from all commi	ngled zones compatible with each of	other?	Yes_X No
Will commingling decrease the value of	f production?		YesNo_X
If this well is on, or communitized with or the United States Bureau of Land M.			Yes_X No
NMOCD Reference Case No. applicab	le to this well:		
Attachments: C-102 for each zone to be comming Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalty Any additional statements, data or	at least one year. (If not available, ry, estimated production rates and s or formula. y and overriding royalty interests fo	attach explanation.) supporting data. r uncommon interest cases.	
	PRE-APPRC	OVED POOLS	
If application is	to establish Pre-Approved Pools, th	ne following additional information wi	ill be required:
List of other orders approving downhol List of all operators within the propose Proof that all operators within the prop Bottomhole pressure data.	d Pre-Approved Pools		
I hereby certify that the information	above is true and complete to t	the best of my knowledge and beli	ef.
SIGNATURE GA	TITLE_R	egulatory Analyst	DATE 02/22/2012
TYPE OR PRINT NAME Matt Og	gden	TELEPHONE NO. () (972)628-1603
E-MAIL ADDRESS matt.ogden	@meritenergy.com	Approximate the second	•

FORM **STATE A A/C-1 #57 CURRENT WELLBORE DIAGRAM** PETROHAWK OPERATING - MRC 13B-23S-36E API#: 30-025-09344 SU-T-R JALMAT; TAN-YATES-7 RVRS (PRO GAS) 9 5/8" @ 338' POOL: w/300 sx Cmt CO, ST: LEA, NEW MEXICO | LAND TYPE: STATE STATUS: ACTIVE ACREAGE 40.12 LATEST RIG WORKOVER: DIAGRAM REVISED: 5/172006 BY C. Morro LOG ELEVATION: GROUND ELEVATION: 3,380' CASING LINER TUBING 13 3/4" 8 3/4" Pipe 9 5/8" 2 3/8" 20# Weight 36# 4.7# Grade Thread Depth 338 3,573 3,270 Mud wt LOGS Sonic 7/59 Tubing: 2/66 104 jts 2-3/8 SammaRay Neutron 3238' (est) Gamma Ray SN 7/59 1 jt 2-3/8" **Temperature** 7/59 TAN-YATES-7 RVRS ZONE HISTORY 11/90 Recomplete from Queen & L 7 Rvrs Perforated 3,015-3,164'- Yates only Acidized 3,015-3,164' w/1164 gai Frac w/51,534 gal gel & 168,000# sand. CO to 3,400' POP Tst 12/19/90 0 BO, 96 MCF, 0 BW 1/05 OAP & Frac Tag fill at 3155'. (CO w/foam unit to 3400'.) OAP and breakdown w/acid & PPI. Frac down 4-1/2" WS, pkr at 2794'. AIR 65 BPM, ATP 3338 psi. 301,000 lbs 20/40 & 12/20 sand, 429 tons CO2. Tag fill at 3301'. TOC @ 2,375' by Temp Surv. CO to 3400'. Run 2-3/8" tbg and 3/4" rods. OPPORTUNITY TANSILL 2.718 (file pick) Perfs: 2,808'-2,906' (1SPF) 1/05 LANGLIE MATTIX (LWR 7RVRS-QUEEN) HISTORY 2808', 16', 20', 52', 66', 88' 7/59 Spud. 7/59 Initial Completion. Perfs: 3,015-3,164' (1SPF) Open hole completion 3,573-3,640 **YATES** 2,914 3,015, 20, 24, 39, 54, 63, 79, 83, 3,119, 25, 31, Frac w/25,000 gal oil & 50,000# sand. PB w/lead wool 47. 55, 64 to 3,634 Perfs: 3,308'-3,376' (1SPF) 1/05 IPF 60 BO, 111 BW 3308', 24', 36', 38', 44', 46', 48', 66', 72', 76' 11/63 POP 7 RVRS 3,171' Perfs: 3,378'-3,392' (2SPF) 1/05 4/66 String Shot OH 3,573-3,629'. CO OH to 3,629'. 3378', 80', 82', 84', 86', 92' Acidize OH w/1000 gal. POP Test 9 BO, 28 BW, 46 MCFPD CIBP @ 3,400' on 11/90 6/68 T&A well 6/69 Perforated open hole 3,572-3,624' Perfs: 3,454-3,544' 3,454, 64, 80, 86, 93, 99, 3,509, 15, 18, 23, 36, Acidized 2000 gal 15% NE acid POP 3/71 Perf 3,454-3,544'. Set RBP @ 3,550' 3,560 Acidize 3,454-3,544' w/1500 gal. L 7 Rvrs & Queen QUEEN 7" @ 3,573' w/250 sx Cmt Perfs: 3,572-3,624' Frac w/20,000 gal gel & 30,000# sand. Pull RBP. $\Diamond \Diamond$ POP $\Diamond \Diamond$ \Diamond Before 5 BOPD, 40 MCF, 27 BWPD PB w/lead wool to 3,634' After 8 BOPD, 50 MCF, 170 BWPD 11/90 Set CIBP @ 3,400 TD 3,640'



District 1 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

<u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELLI	LOCATION	AND A	CREAGE	DEDICA	MOIT	PLAT

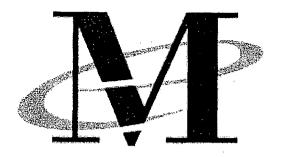
' '	API Number	r ,	. [² Pool Code			³ Pool Na	me	
30-025-0934	14		2413	0	Eur	ice 7 Rivers Que	en South		
⁴ Property (Code				⁵ Property N	lame		6	Well Number
	}	State A. A	A/C 1					57	
OGRID!	No.				8 Operator N	lame			⁹ Elevation
14591		Merit En	ergy Com	pany					
•	<u>.</u>				¹⁰ Surface I	ocation			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	13	22S	36E		660	North	1980	East	Lea
		27	"Bo	ttom Hol	e Location If	Different Fron	n Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres	¹³ Joint or	r Infill 14 C	onsolidation (Code 15 Or	der No.				
40									

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.

in OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and comp to the best of my knowledge and belief, and that this organization eithe owns a working interest or unleased mineral interest in the land includ the proposed bottom hole location or has a right to drill this well at this
to the best of my knowledge and belief, and that this organization eithe owns a working interest or unleased mineral interest in the land includ
owns a working interest or unleased mineral interest in the land includ
location pursuant to a contract with an owner of such a mineral or wor
interest, or to a voluntary poeling agreement or a compulsory pooling
order heretofore enteged by the division.
977
Signature 02/22/2017
J. Sales
Matt Ogden
Printed Name
matt.ogden@meritenergy.com
E-mail Address
*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.
Date of Survey
Signature and Seal of Professional Surveyor:
Signature and Seal of Professional Surveyor.
Certificate Number

Texas actific real 3 31 to State "A" account to 1 57 Letter Section Section 13 Township 23 Range Gounty Lea B 13 13 Township 23 Range Gounty Lea 660 feet from the North line and 19 55 feet from the 25 t line and Level Elev. Producing Formation Pool Langlio-Hattix Dedicated Acreage: 7-Hurers Pool Langlio-Hattix Dedicated Acreage outlined on the plat below? YES X NO ("There" means the present who has the right to drill into and to produce from any pool and to appropriate the production either for formself or for himself and another. (65-3-29 (e) MRSA 1935 Comp.) If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation I the answer to question two is "no," list all the owners and their respective interests below: SECTION 8 SECTION 8 CERTIFICATION I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Name Position Land Description I hereby certify that the well location shown on the plat in SECTION is an approved from field notes of account of the best of my knowledge and belief. Date Surveyed Jillio 3, 1959 Register of Produstion to the best of my knowledge and belief. Date Surveyed Jillio 3, 1959 Register of Deformation and Content to the best of my knowledge and belief.		ting authoriti	•		HSERVATION (FORM C=128 Revised 5/1/57
Texas "acific local 2 vil 100 lesses State "A" locabut 100 1 vell No. 57 Tester Section S Section 13 locable lesses State "A" locabut 100 1 locabus 13 locabus 13 locabus 13 locabus 100 less from the location of Vell line and 10 m feet from the location of Vell line and 10 m feet from the location of Vell line and 10 m feet from the location of Vell line and level liter. Producting Formation Pool Langlio-Mattix Deducated Acreage labeling to drill into and to produce from any pool and to appropriate the production either for binasel for for binasel and another. (653–239 (c) MAS 1935 Comp.) If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES. NO If haswer is "rue," Type of Consolidation. If the answer to question two is "no," list all the owners and their respective interests below. SECTION 8 CERTIFICATION I hereby certify that the information in SECTION A above is true and commented to the second list of the location in SECTION A shower is true and commented to the location in SECTION A shower is true and commented to the location in SECTION A shower is true and commented to the location in SECTION A shower is true and commented to the location in SECTION A shower is true and commented to the location in SECTION B as plotted from field notes of actual surveys made by the same is true and commented to the location shown on the plat in SECTION B as plotted from field notes of actual surveys made by the same is true, and correct to the best of my knowled, and belief. Date Surveyed surveys and by the same is true, and correct to the best of my knowled, and belief. Date Surveyed surveys and by the same is true, and correct to the best of my knowled, and belief.								
Texas 'acific 'call 2 oil Co- Lessee State "A" Socount to 1 Vell No. 37 Lessee State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 1 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 2 Vell No. 37 Range State "A" Socount to 3 Vell No. 37 Range State "A" Socount to 3 Vell No. 37 Range State "A" Socount to 3 Vell No. 37 Range State "A" Socount to 3 Vell No. 37 Range State "A" Socount to 3 Vell No. 37 Range State "A" Socount to 3 Vell No. 37 Range State "A" State "A" Socount to 3 Vell No. 37 Range State "A"			31 KUC 11UN3 P	***************************************		N INE KEY	EKSE SIDE	
Rection B 23 Pange 36 County B 13 23 Pange 36 County B 10 Foots and Formation of Veil: 660 Feet from the North line and 1973 feet from the 235t line mud Level Riev. Producing Formation Pool Langlie-Mattix Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO ("Towner" means the press who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself or him	erator		// / / / / / / / / / / / / / / / / / /	T.	1000	200000	+ > 0 1	Well No.
B 13 23 36 Leat usel Footage Location of Veil: 660 feet from the North line and 19 10 feet from the 20% line und Level Elev. Producing Formation T-Alwars Pool T-Alwars Po				1 504				
Section Sect	_		Township	23	Range 36	County	Lea	
und Level Elev. Producing Formation 3.3.9.0 English Mattix Dedicated Acreage: 4.0 Acres Acres Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO ("Guner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (63-3-29 (c) NASA 1935 Comp.) If the answer to question one is "100," base the interests of all the owners been consolidated by communitization agreement or otherwise? YES	tual Footage L	ocation of Well:			 			
Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO ("Owner" means the percubic of will into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65)—3-29 (e) NMSA (1935 Comp.) If the answer to question one is "ao," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," "Type of Consolidation in the constitution in the constit		<u></u>				t from the		
Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) MMSA 1935 Comp.) If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation If the answer to question two is "no," list all the owners and their respective interests below: The analysis of the person of the answer to question two is "no," list all the owners and their respective interests below: The analysis of the person of the				Po		attix		.n
who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65–3–29 (e) NMSA 1935 Comp.) If the answer to question one is "no," have the interests of all the owners been consolidated by communicization agreement or otherwise? YESNO If answer is "yes," Type of Cossolidation If the answer to question two is "no," list all the owners and their respective interests below: SECTION 8 CERTIFICATION I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Name						····		
Land Description SECTION B CERTIFICATION I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Name Position Hereby certify that the well location shown on the plat in SECTION B 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 knowledge and belief. Date Surveyed SUNC 3, 1959 Registered Professional Engineer and or Land Surveyor, JOHN W WEI	who has the ri another. (65- If the answer t wise? YES	ight to drill into and -3-29 (e) NMSA 19 to question one is	d to produce from 35 Comp.) "no," have the i f answer is "ye:	n any pool and interests of a	nd to appropriate the all the owners been c Consolidation	production on solidated	by communitization	or for himself and
CERTIFICATION I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Name Position Hanger of Production Company TEXAS PACIFIC COAL & OIL There June 8, 1959 I hereby certify that the well location shown on the plat in SECTION B 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 knowled, and belief. Date Surveyed June 3, 1959 Registered Professional Engineer and or Land Surveyor, John W WEI		to question two is	no, list all th	e owners and			v:	
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Name Position Manager of Production Company TETAS PACIFIC COAL & OIL Date June 8, 1959 I hereby certify that the well location shown on the plat in SECTION B 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 knowled, and belief. Date Surveyed JUNC 3, 1959 Registered Professional Engineer and or Land Surveyor, JOHN W. WE. June 10, 1980 June 11, 1980 Land Surveyor, JOHN W. WE.					Sada Seacrip			
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Name Position Manager of Production Company TETAS PACIFIC COAL & OIL Date June 8, 1959 I hereby certify that the well location shown on the plat in SECTION B 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 knowled, and belief. Date Surveyed JUNC 3, 1959 Registered Professional Engineer and or Land Surveyor, JOHN W. WE. June 10, 1980 June 11, 1980 Land Surveyor, JOHN W. WE.								
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Name Position Manager of Production Company TETAS PACIFIC COAL & OIL Date June 8, 1959 I hereby certify that the well location shown on the plat in SECTION B 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 knowled, and belief. Date Surveyed JUNC 3, 1959 Registered Professional Engineer and or Land Surveyor, JOHN W. WE. June 10, 1980 June 11, 1980 Land Surveyor, JOHN W. WE.						·· ·· · · · · · · · · · · · · · · · ·	<u> </u>	
in SECTION A above is true and complete to the best of my knowledge and belief. Name Position Wanager of Production Company TEXAS PACIFIC COAL & OIL Date June 8, 1959 I hereby certify that the well location shown on the plat in SECTION B 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 knowled, and belief. Date Surveyed june 3, 1959 Registered Professional Engineer and or Land Surveyor, JOHN W. WES			SECTION	8			CER	FIFICATION
Heneger of Production Company TEXAS PACIFIC COAL & OIL Date June 8, 1959 I hereby certify that the well location shown on the plat in SECTION B 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 knowled, and belief. Date Surveyed junc 3, 1959 Registered Professional Engineer and or Land Surveyor, JOHN W. WES		 			1980'-		in SECTION A plete to the belief.	above is true and com-
shown on the plat in SECTION B 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 knowled and belief. Date Surveyed JUNC 3, 1959 Registered Professional Engineer and or Land Surveyor, JOHN W. WES							Manager of Company TEXAS PACE Date	IFIC COAL & OIL
Date Surveyed JUNC 3, 1959 Registered Professional Engineer and or Land Surveyor, JOHN W. WES							shown on the p plotted from fie surveys made b supervision, an and correct to t	latin SECTION B was ld notes of actual y me or under my d that the same is true
Ferrificate No.							Date Surveyed	fessional Engineer
330 660 990 1320 1660 1980 2310 2640 2000 1500 1000 500 0					1500 1000		Certificate No.	wicest

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

Date:

February 23, 2012

To:

New Mexico Oil Conservation Division

Attention:

William V Jones P.E.

RE:

Jalmat Field: 13 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).

All of these wells are located in Lea County, C Sec 10, B-D-E-G-M Sec 13, G Sec 15, E-Sec 23, I-K-L-O-Sec 24 T23S R36E and D Sec 9 T22S R36E. Commingling the Jalmat Pool with the Langlie Mattix Pool is in the interest of both royalty owners and the conservation, and it will extend the life of each well and optimize recovery from both Pools. The 13 well's commercial value will be extended 20 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.

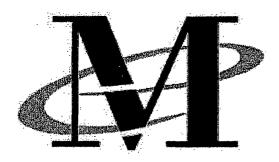
Please let me know if you have any questions.

Sincerely,

Jason Vining (
Operations Engineer

jason.vining@meritenergy.com

Phone: 972-628-1606 Fax: 972-682-1906



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

Date:

February 23, 2012

To:

New Mexico Oil Conservation Division

Attention:

William V Jones P.E.

RE.

Jalmat Field: AC-1 #50,52,54,57,60,66,71,72,74,80,81, 107 & AC-2 #29-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

Sincarely

Matt Van Eaton Associate Landman

matt.vaneaton@meritenergy.com

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