SUBMIT IN TRIPLICATE - Other Instructions on page 2 7. If Unit of CAAgerement, Name and/or No. 1. Type of Well Gas WellOdae: 8. Well Name No. 2. Not of Operation 9. ATM WellGas WellOdae: 9. ATM WellGas WellOdae: 2. Not of Operation 9. ATM WellGas WellOdae: 9. ATM WellGas WellOdae: 3. Addae: AFLON OIL PERMIAN LLCEMain instructions does a subscription 39. Of5-45894-OoX1 3. Addae: NFELIPE ST	Form 3160-5 UNITED STATES (June 2015) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.				5. Lease Seria NMNM86	Page 1 of 4 FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018 5. Lease Serial No. NMNM86024 6. If Indian, Allottee or Tribe Name	
Boot Wall Contact: BULLESA SZUDERA 2. Name of Operative 32-0411-545984-00-X1 3a. Address 30: Plane Not Indude area code) 3b. Address Pir: T15-2266-3179 4. Location of Well (Frontige Sec. T. R. M. or Survey Description) 3c. 282728 10: Find and Part of Exploratory Anna PURPLE SAGE-WOLFCAMM (GAS) 4. Location of Well (Frontige Sec. T. R. M. or Survey Description) 3c. 282728 11: Contage Sec. T. R. M. or Survey Description) 3c. 282728 12: CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Bocacie of Intent Address Bubcqueuk Report Chaing Repair	SUBMIT IN	TRIPLICATE - Other ins	tructions on	page 2	7. If Unit or C	CA/Agreement, N	Name and/or No.
2. Name of Openand MARATION OIL PERMIAN LLC E-Mail: mazudera @marafinational.com 30:0415-45894-00-X1 30:0415-45894-00-X1 30:0415-45894-00-X1 30:0415-45894-00-X1 30:0415-45894-00-X1 30:0415-45894-00-X1 10:0716-45894-00-X1 11:0017 11:0017 12:0716-45894 12:0716 12:071 12:0716 12:0716 12:0716 12:0716 12:071 12:07 12:071 12:07 12:071 12:07 12		her					EE 8H
5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713-296-3179 PURPLE SAGE-WOLFCAMP (GAS) 4. Location of Well (Fourge, Sec. T. R. M., or Survey Description) II. County or Parish. State Soc 28 723S R29E NUNW 270FNL 1255FWL III. County or Parish. State EDDY COUNTY, NM 22.2824726 NULL 10 3394423 W Lon III. County or Parish. State EDDY COUNTY, NM 22.2824726 NULL 13, 103394423 W Lon TYPE OF ACTION Water Shut-Off In ordice of Finent Ackidrz Decem Production (Start/Resume) Water Shut-Off Subsequent Report Casing Repair New Construction Recomplete Other In advandomment Notice Change Plans Plug and Abandon Temporarily Abandon Well Integrity 13. Describe Proposed or Completed Operations Clearly state all pertinent idealis, including estimated stating date of any proposed was and approximate duration thereof. The proposal in a new increas 1 deption of all date within 80 days MRU, 82.1 7 Notified BLM on intent to spud and upcoming casing and canenci to 82.2 S - Spud well. Mater Disposal MRU, 82.1 7 Notified BLM on intent to spud and upcoming casing and canenci to 82.2 S - Spud well. Mater Disposal 14. Therphysical BLM on intent to spud and upcoming casing and canenci to 82.2 S - Spud well. Mater Disposal 15. DOMO 108 7	2. Name of Operator	Contact:	MELISSA SZ @marathonoil.c	ZUDERA			
4. Location of Well (Pootage, Sec., T., R. M., or Survey Description) 11. County or Parish, State Sec 28 T23S R29E NVNW 270FNL 1255FWL 11. County or Parish, State 22.282478 N Lat, 103,994/23 W Lon 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off Subsequent Report Casing Repair New Construction Recomplete Other Is basequent Report Change Plans Plug and Abandon Temporarily Abandon Becomplete Other 13. Describe Porposed or Completed Operations Charly state all performed densits, including estimated starting due of any proposed water and zones. Attach the Rood under which the work will be performed or provide the Root No. on file with BLMBIA. Required subsequent reports water to file dottion and antegue completed or the ornate to specific on the ornate brief of the involved operations. If the operator and zones. Attach the Root under which the work will be performed or provide the Root No. on file with BLMBIA. Required subsequent reports water to specific on the ornate for the ornate of the ornate of the ornate for the ornate of	5555 SAN FELIPE ST						
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Image: Subsequent Report Image: Acidize Image: Deepen Image: Production (Start/Resume) Water Shut-Off Image: Subsequent Report Image: Casing Repair New Construction Recomplete Image: Casing Repair New Construction Recomplete Image: Casing Repair Image: Casing Repair New Construction Recomplete Image: Casing Repair Image: Casing Repair<	12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE, REPORT, C	OR OTHER D	ATA
Notice of Intent Alter Casing Hydraulic Fracturing Reclamation Well Integrity Subsequent Report Casing Repair New Construction Recomplete Dilling Operations Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Difference 13. Describe Proposed or Completed Operation: Clearly state all periment details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all periment markers and zones. Attach the bond under which the work will be performed or provide the Bod NA. On File with BLMBIA. Required subsequent reports must be filed value and recompletion in a new interval, a Form 31604-4 must be filed once testing has been completed. This Abandomate Notices must be filed value and recompletion or recomplete horizontally, give subsurface locations and measured and true vertical depths of all periment markers and zones. Attach the Bon completed accement with 95 sks of cement to supface dement to which 98 sks of cement to supface dement to supface dement to which 98 sks of cement to supface dement to which 98 sks of cement to supface. BLM writenessed cement to all 21 Portified BLM and the operation on the supface dement to all 98 sks of cement. BLM writenessed cement to all 20 of new formation to 385? 10 2095?. Notified BLM of upcoming casing and cement inthe 10/12 ? Run 9 5/88 cag. 74 lts, 407 deg start 10/10 of new formation to 385? 10 2095?. Notified BLM of upcoming casing and cement inthe 10/12 ? Run 9 5/88 cag. 74 lts, 407 deg start 10/10 of one work cement, 89 5/88 cag. 74 lts, 407 deg start 20 committed ton 9445? to	TYPE OF SUBMISSION			TYPE OF	ACTION		
Subsequent Report	□ Notice of Intent	□ Acidize	Dee 🗆	pen	Production (Start/Res	ume) 🗆 V	Vater Shut-Off
 Change Plans Construction Construction Construction Convert to Injection Plug and Abandon Comporarily Abandon Composed or Completed Operation: Clearly state all pertinent details, including estimated stating date of any proposed work and approximate duration thereor. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection. MIRU. 8/21 ? Notified BLM on intent to spud and upcoming casing and cement job. 8/23 ? Spud well. Drill 17 1/22 hole to 375? Run 13 3/87 csg. 8 [ts, 54.5#, J55 STC to 364?. Cement csg by pumping 30 bbs of spacer and 40 sks of lead cement with 89 sks of cement to surface. BLM witnessed cement job. RDMO. 10/8 ? MIRU. Perform BOP test. 10/10 ? Pressure test 13 3/8? csg. 9 to 500 ps if or 30 min, held, good test. Drill 18 9 Sts of cement to surface. Perform BOP test. 10/13 ? Pressure test 9 5/8? csg to 1200 ps if or 30 min, held, good test. Drill spacer and 9 sks of lead miron 9005? to 9545?. 10/16 ? Preform flowcheck, well static. TOH	—	□ Alter Casing	🗖 Hyd	Iraulic Fracturing	Reclamation		Vell Integrity
Prinal Abandonment Notice Change Prints Pring and Abandon Temporarity Abandon State Abandon Convert to Injection Plug Back Water Disposal State Abandon Decrement Carly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file will BL/BIA. Required and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file will BL/BIA. Required and true vertical depths of all pertinent markers and zones. In the operator has determined that the site is ready for final inspection. MIRU. 8/21 ? Notified BLM on intent to spud and upcoming casing and cement job. 8/23 ? Spud well. Drill 7 1/2? hole to 375. Run 13 3/87 csg, 8 jts, 54.54, J55 STC to 364?. Cement csg by pumping 30 bbsl of spacer and 490 sks of lead cement with 89 sks of cement to surface. BLM witnessed cement job. RDMO. 10/8 ? MIRU. Perform BOP test. 10/10 ? Pressure test 13 3/87 csg, 1500 psi for 30 min, held, good test. Drill show track and 10? of new formation to 3357. 10/11 ? Drill 12 ?? Run 9 5/87 csg, to 2985?. Notified BLM of upcoming casing and cementing. 10/12 ? Run 9 5/87 csg, to 2985? Notified BLM of any solve to sufface. Perform BOP test. 10/13 ? Pressure test 9 5/87 csg to 2100 psi for 30 min, 40 psi drop, good test. Drill cement shoe track and 10? of new formation to 30057. 10/14 ? Drill 8 ??? vertical from 3005? to 3545?. 10/16 ? Preform BOP test. 10/13 ? Pressure test 9 5/87 csg to 2100 psi for 30 min, 40 psi drop, good te			🗖 Nev	v Construction	Recomplete	🛛 C Dril	Other
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLA/BLA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed with grant and the operator has determined that the site is ready for final inspection. MIRU. 8/21 ? Notified BLM on intent to spud and upcorning casing and cement job. 8/23 ? Spud well. Drill 71 / 12? hole to 375?. Run 13 3/87 csg. 8 [ts, 54.54, J55 STC to 364?. Cement csg by pumping 30 bbsl of spacer and 490 sks of lead cement with 89 sks of cement to surface. BLM witnessed cement job. RDMO. 10/8 ? MIRU. Perform BOP test. 10/10 ? Pressure test 13 3/87 csg to 1500 psj for 30 min, held, good test. Drill shoe track and 10? of new formation to 385?. 10/11 ? Drill 12 ?? section from 385? Ic 2 995?. Notified BLM of upcorning casing and cementing. 10/12 ? Run 9 5/87 csg to 2100 psi for 30 min, held, good test. Drill shoe track and 10? of new formation to 3005?. 10/14 ? Drill 8 ?? vertical from 3005? to 95457. 10/16 ? Perform flowcheck, well static. TOH to BHA. TH to 94457. Re-log gamma from 9445? to 95457. 10/18 ? Perform flowcheck, well static. TOH to BHA. TH to 94457. Re-log gamma from 94457 to 95457. 10/18 ? Perform 16/2019 (20PP0350SE) Name (Printed/Typed) MELISSA SZUDERA Title REGULATORY COMPLIANCE REP Signature (Electronic Submission) #491364 verified by the BLM Well Information System For MARATHON OIL PERMIAN LLC, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 11/06/2019 (20PP0350SE) Name (Printed/Typed) MELISSA SZUDERA Title REGULATORY COMPLIANCE REP Signature (Electronic Submission) Date 11/06/2019 (20	☐ Final Abandonment Notice				_ 1 5	1	ing operations
For MARATHON OIL PERMIAN LLC, sent to the Carlsbad Committed to AFMSS for processing by PR SILLA PEREZ on 11/06/2019 (20PP0350SE) Name (Printed/Typed) MELISSA SZUDERA Title REGULATORY COMPLIANCE REP Signature (Electronic Submission) Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 Date 11/06/2019 JONATHON SHEPARD Title PETROLEUM ENGINEER Date 11/06/2019 Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office Carlsbad	following completion of the involved testing has been completed. Final Al determined that the site is ready for f MIRU. 8/21 ? Notified BLM or Drill 17 1/2? hole to 375?. Ru 30 bbsl of spacer and 490 sks job. RDMO. 10/8 ? MIRU. Per held, good test. Drill shoe trac from 385? to 2995?. Notified I 40#, J55 LTC to 2983?. Ceme tail cement, with 318 sks of ce to 2100 psi for 30 min, 40 psi 3005?. 10/14 ? Drill 8 ?? verti to BHA. TIH to 9445?. Re-log 10407?. 10/19 ? Circulate. TC	d operations. If the operation re bandonment Notices must be fil final inspection. In intent to spud and upcor n 13 3/8? csg, 8 jts, 54.5# s of lead cement with 89 s fform BOP test. 10/10 ? P ck and 10? of new formati BLM of upcoming casing a ent csg by pumpking 30 b ement to surface. Perform drop, good test. Drill cem cal from 3005? to 9545?. gamma from 9445? to 95 DH to BHA. Flow check, w	sults in a multipled only after all ming casing a t, J55 STC to ks of cement ressure test 7 on to 385?. 1 and cementin bls of spacer, a BOP test. 10 ent shoe trac 10/16 ? Perfo 545?. 10/18 ? vell static. TIH	le completion or reco requirements, includ 364?. Cement cs to surface. BLM 13 3/8? csg to 15 0/11 ? Drill 12 ?? g. 10/12 ? Run 9 880 sks lead ce 1/13 ? Pressure tr k and 10? of new orm flowcheck, w Drill 8 ?? curve f to 9659?. Re-log	mpletion in a new interval, a F ng reclamation, have been cor 23 ? Spud well. 29 by pumping witnessed cement 00 psi for 30 min, section 5/8? csg, 74 jts, ment, 195 sks of est 9 5/8? csg formation to ell static. TOH rom 9545? to g gamma from	Form 3160-4 mus	st be filed once
THIS SPACE FOR FEDERAL OR STATE OFFICE USE JONATHON SHEPARD Approved By JONATHON SHEPARD Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office Carlsbad		For MARATHO nmitted to AFMSS for proc	N OIL PERMIA	IN LLC, sent to th SCILLA PEREZ or	e Carlsbad 11/06/2019 (20PP0350SE	-	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE JONATHON SHEPARD Approved By JONATHON SHEPARD Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office Carlsbad		Submission)		Date 11/06/20)19		
Approved By ACCEPTED JONATHON SHEPARD Title PETROLEUM ENGINEER Date 11/06/201 Conditions of approval, if any, are attached. Approval of this notice does not warrant or tertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office Carlsbad	Signature (Electronic S						
which would entitle the applicant to conduct operations thereon. Office Carlsbad	Signature (Electronic	THIS SPACE FO		AL OR STATE			
LUE TO LEAST ACCOUNTING AND THE 43 LEAST ACCOUNT / / / INSPECT ANY DECOME KNOWING AND MULTING TO ANY DEPOTIMENT OF ACCESS OF the Lineted	Approved By ACCEPT	ED	s not warrant or	JONATHO	N SHEPARD		Date 11/06/201

Additional data for EC transaction #491364 that would not fit on the form

32. Additional remarks, continued

10292? to 10392?. 10/20 ? Drill 8 ?? lateral from 10407? to 12272?. 10/21 ? Flow check, well static. TOH from 12272? to BHA. TIH to 12172?. Re-log gamma 1272? to 12272?. 10/22 ? Drill 8 ?? lateral from 12272 to 16457?. 10/26 ? Flow check, and circulate. TOH to BHA. TIH to 16357?. Re-log gamma from 16357? to 16457?. 10/28 ? Drill 8 ?? lateral from 16457? to 20202?. 11/1 ? Flow check. TOH to BHA. Flow check. 11/2 ? Notified BLM of upcoming production casing run. 11/4 ? Run 5 ??, 488 jts, 20#, P110 Roughneck csg to 20187?. Cement csg by pumping 50 bbls spacer, 1325 sks lead cement, 3100 sks tail cement with no cement to surface. Liner pressure test will be done during completions. RDMO 11/5/2019.

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Revisions to Operator-Submitted EC Data for Sundry Notice #491364

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM86024	NMNM86024
Agreement:		
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713-296-3179	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713.629 6600
Admin Contact:	MELISSA SZUDERA REGULATORY COMPLIANCE REP E-Mail: mszudera@marathonoil.com	MELISSA SZUDERA REGULATORY COMPLIANCE REP E-Mail: mszudera@marathonoil.com
	Ph: 713-296-3179	Ph: 713-296-3179
Tech Contact:	MELISSA SZUDERA REGULATORY COMPLIANCE REP E-Mail: mszudera@marathonoil.com	MELISSA SZUDERA REGULATORY COMPLIANCE REP E-Mail: mszudera@marathonoil.com
	Ph: 713-296-3179	Ph: 713-296-3179
Location: State: County:	NM EDDY	NM EDDY
Field/Pool:	PURPLE SAGE WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Well/Facility:	BLUE STEEL 21 WXY FEE 8H Sec 28 T23S R29E Mer NMP NWNW 270FNL 1255FWL	BLUE STEEL 21 WXY FEE 8H Sec 28 T23S R29E NWNW 270FNL 1255FWL 32.282478 N Lat, 103.994423 W Lon

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

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator: (OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	76883
	Action Type:
	[C-103] Sub. Drilling (C-103N)
CONDITIONS	

Created By	Condition	Condition Date
plmartinez	None	2/1/2022

Page 4 of 4

Action 76883