involtee of intent		TRIPLICATE - Other inst	ructions on page 2		7. If Ur	it or CA/Agree	ment, Name and/
2. Name of Operator   Consist:   JENNIEER VAN CUREN   3. Addess 3.0.015-5605:00.×1     3a. Addess SAM FELIPE ST HOUSTON, TX, 77056   E-Mailt /vancure@marathonoi.com   1.0.Field and Peol of Exploratory Area 2505:00     4. Location of Well   (Posage, Sec. T, R, M, or Survey Description)   10. Field and Peol of Exploratory Area 2505:00     3c. 2173077 N Lat. 104.025192 W Lon   11. County or Panish, State     2. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA     TYPE OF SUBMISSION   TYPE OF ACTION     2. Subsequent Report   Acidize   Deepen     Change Plans   New Construction   Recomplete     2. Subsequent Report   Change Plans   Plug Back   Water Shn Drilling Ope     13. Desche Proposet or Completed Operations: Life particular is an addiging estimated starting date of any projected ont and approximate duration date work with the performation results in a multiple completion in a new table field within 90 de following completion of the work with the performation results in a multiple completion in a new table field within 90 de following completion of the work with the performation results in a multiple completion in a new table field within 90 de following completion of the work with the performation results in a multiple completion in a new table field within 90 de following completion of the work with the performation results in a multiple completion in a new table field within 90 de following completion of the work with the performation		ner					COM 24 29 31
S555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713.296 2500 PURPLE SAGE-WOLFCAMP   4. Location of Well (Footage, See, T, R, M, or Survey Description) 11. County or Parish, State   Se 31 T24S R29E NESW 2400FSL 2183FWL 32.173077 N Lat, 104.025192 W Lon 11. County or Parish, State   12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   TYPE OF SUBMISSION TYPE OF ACTION   In Notice of Intent Acidize Deepen   In Notice of Intent Acidize Deepen   In Notice of Intent Acidize Deepen   In Subsequent Report Casing Repair New Construction Recomplete   In Tababandonment Notice Change Plans Plug and Abandon Temportity Abandon   In Detribe Proposed or Completed Operation: Clearly state all performed or provide by Ebold No. on file with M. Mills. Taket world deptils of all performed any provised by on file with Attab the Bod under which the work will be performed on provide by Ebold No. on file with M. Mills. Taket world deptils of all performed any provide by the Black   329/2019 7 MIRU and Spud. Drill 17 79 surface section from 857 to 4167, 330 7 Run 13 307 csg, 10 1 is 54 558, site Change 7 Lang 5 is 56 (56 Spi co Mange 10 Line Spi co Mange 20 Line 20 Spi Co Mange 20 Line Spi co Mange 20 Li	2. Name of Operator	Contact:		EN			D-X1
4. Leastion of Well (Floatage, Sec. T. R. M. or Survey Description) 11. County or Parish, State   Sec 31 T24S R29E NESW 2400FSL 2183FWL 11. County or Parish, State EDDY COUNTY, NM   12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION   International Control (Start/Resume) Internation Water Shi   Image: Subsequent Report Casing Repair INV Construction Internation Water Shi   Image: Subsequent Report Casing Repair INV Construction Internation Water Shi   Image: Subsequent Report Casing Repair INV Construction Internation Water Shi   Image: Subsequent Report Casing Repair INV Construction Internation Water Shi   Image: Subsequent Report Casing Repair INV Construction Internation to the involved operations. The transmission of the involved operation. The vector of the involved operation. The vector of the involved operation. The vector of the involved operation. The vectoperinvolved the operatin the transmission of t	5555 SAN FELIPE ST			rea code)			
32.173077 N Lat, 104.025192 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 Sha   Subsequent Report Casing Repair New Construction Recomplete Ø Other   Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Drilling Ope   13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration th If the proposal is to deepen directionally or ecomplete benzionally, give subsurface locations and messared and net writical depths of all pertinent maters and a following completion of the involved operations. If the opprovide the boal No in 6 lik with BURA. Required subsequent reports must be filed within 30 do the involved operations. If the opprovide the boal No in 6 lik with BURA. Required subsequent reports must be filed only after all requirements, including recent vite or completed and the operator h determined with or site response to 100 Dis if or 300 min, 2P Site, 2P		., R., M., or Survey Description,	,			nty or Parish, S	tate
TYPE OF SUBMISSION TYPE OF ACTION   Notice of Intent Acidize Deepen Production (Start/Resume) Water Shu   Subsequent Report Casing Repair New Construction Reclamation Water Shu   Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Other Drilling Ope   13. Describe Proposed or Completed Operation: Clearly state all pertinent deals, including estimated starting data of the proposed vok and approximate duration the the provide the Bond No. on file with BLMBLA. Required autics usbe filed within 30 data following completion of the involved operations. If the operation results in a multiple completion or recompleted and the operation the state is rady for final inspection. State the Bond ander which add Spud Drill 17 7? Surface section from B5? to 4187. 330 ? Run 13 308? csg. 10 State 17. 7? Surface section from B5? to 4187. 330 ? Run 13 308? csg. 10 State 200. 7. 10 <td< td=""><td></td><td></td><td></td><td></td><td>EDD</td><td>Y COUNTY</td><td>, NM</td></td<>					EDD	Y COUNTY	, NM
Notice of Intent Acidize Deepen Production (Start/Resume) Water Shu   Subsequent Report Casing Repair New Construction Reclamation Well Integ   Casing Repair Plug and Abandon Temporarity Abandon Other Drilling Ope   Change Plans Plug and Abandon Temporarity Abandon Disposal   13. Describe Proposed or Completed Operation: Clearly state all pertinent deating, including estimated starting date of any proposed work and approximate duration the file proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measure and rue vertical depts of all pertinent maters and Attack the Bond with be performed or provide the Bond More Within 30 data feature interval, a Form 3160-4 must be filed only after all requirements, including reclamation, have been completed in the ste is ready for final inspection.   3/29/2019 7 MIRU and Soud. Drill 17 27 surface section from 857 to 4167. 3/30 7 Run 13 3/87 csg. 10 jts, 54.54, STC to 3977. Cement csg by pumping 30 bbls of spacer, 555x, of cement with no cement returned that the site is ready for final inspection. Alloch the 30000 and 11 7 27 surface section from 857 to 4167. 3/30 7 Run 13 3/87 csg. 10   jts, 54.54, STC to 3977. Cement csg by pumping 30 bbls of spacer, 555x, of cement with no cement returned to surface. But representative on location during cement job. RDMO. 4/28 7 MIRU, 4/22 - Petrom BOPE test. 4/30 - feat 3/87 csg. 10 Sin for 30 min, 42 pis drop, good test. Drill show track and 10? new formation to 27067. Drill 87 27 section from 29067 to 39307. 5/6 7 Continue drilling 8 7? hole f	12. CHECK THE AN	PPROPRIATE BOX(ES)	TO INDICATE NAT	URE O	F NOTICE, REPOR	T, OR OTH	ER DATA
□ Notice of Intent □ Alter Casing □ Hydraulic Fracturing □ Reclamation □ Well Integ   □ Subsequent Report □ Change Plans □ Plug and Abandon □ Temporarily Abandon □ Temporarily Abandon   □ Subsequent Report □ Change Plans □ Plug Back □ Temporarily Abandon □ Temporarily Abandon   □ Subsequent Report □ Change Plans □ Plug Back □ Temporarily Abandon □ Temporarily Abandon   □ Secribe Proposed or Completed Operation: Clearly state all pertinent dentis, including estimated staring date or appropsed work and approximate duration th full be performed or provide the Bond No. on file with BUM/BLA. Required and the vertical depths of all pertinent matters and the Bond under which the work with be performed or provide the Bond No. on file with BUM/BLA. Required and the vertical depths of all pertinent matters and the bond under which the work with be performed or provide the Bond No. on file with BUM/BLA. Required and the use sequence and the use sequence and the test is ready for final inspection.   3/29/2019 ? MIRU and Spud. Drill 17 ?? surface section from 85? to 416? 3/30 ? Run 13 3/8? csg. 10 ist. 5/4. Str. Ct co 2687? Chement csg by purping 30 bbls of spacer, 5558. Nich. Str. J. Ct co 2687? Chement csg by purping 20 bbls spacer, 6608x of lead cement, 1408x of tail cement with 7xx of cement csg by purping 20 bbls spacer, 6608x of lead cement, 4002 ro 100 with all dop dod test. Drill shoe track and 10? JUL 2 3 20   ?? From Astor Matter Depresentative on location during cement with 7xx of cement csg by purping 20 bbls spacer, 6805x of l	TYPE OF SUBMISSION		Т	YPE OF	ACTION		
Subsequent Report Casing Repair New Construction Recomplete Other Durling Ope   Final Abandonment Notice Casing Repair New Construction Recomplete Other Durling Ope   13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration the fifthe proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depts of all pertinent markers and a Attach the Bond winder which the work with the performs the fifthe with BUMBIA. Required subsequent reports must be fifed on No. on file with BUMBIA. Required subsequent reports must be fifed on No. on file with BUMBIA. Required subsequent reports must be fifed on No. on file with BUMBIA. Required subsequent to the operation.   3/29/2019 ? MIRU and Spud. Drill 17 ?? surface section from 85? to 416?. 3/30 ? Run 13 3/8? csg. 10 is, 54.54, STC to 397? Cement csg by pumping 30 bbls of spacer, 655x, of cement to surface. BLM representative on location during cement job. KDMO. 4/28 ? MIRU. 4/29 - Perform BOPE test. 4/30 - Test 13 3/8? csg. 05 1500 psi for 30 min, held, good test. Drill snow track and 10? of new formation to 426?. Notified BLM of 95/8? csg. and cement job. 5/1 - Drill 12 Precenter csg by pumping 20 bbls spacer, 605x of lead cament. 1805x of fail cement with 7x of cement to surface. Size you not and came and 27/9 to 9307? to 10307? 10007? to 10307? to 10307? to 10307? DISTRICTIAARTESM   14. I hereby certify that the foregoing is true and correct. Electronic Submission #468895 verified by the BLM Well Information System For MARATHON OUL PERMAN LLC, sent to the Caribad Committed to	□ Notice of Intent	Acidize	Deepen		Production (Star	/Resume)	U Water Shu
□ Change Plans □ Plug and Abandon □ Recomprete D'Illing Ope   □ Secribe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration th   If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depts of all pertinent markers and a   Attack the Bond under which the work with the performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports must be filed   the ond with BLM BLA must be filed   the ond black with the work with the performed or provide the Bond No.  Water Disposal   13. Describe Proposed or Completed Operations. The operation results in a multiple completion in a new interval, a Form 3160-4 must be filed   terms that the site is ready for final inspection.  3/29/2019 ? MIRU and Spud. Drill 17 ?? surface section from 85? to 416?. 3/30 ? Run 13 3/8? csg, 10   jts, 54.54, STC to 397? Cement csg by pumping 30 bbls of spacer, 555x, of coment to under the operator here the determined that the site is ready for final inspection.  RECEIVED    2/? from BOPE test. 4/30 - Test 13 3/8? csg to 1500 psi for 30 min, held, good test. Drill snow   track and 10? of new formation to 426?. Notified BLM of 95/8? csg and cement tobs. 5/1 - Drill 12   ?? hoter form 800PE test. 4/30 - Test 13 3/8? csg to 1500 psi for 30 min, held, good test. Drill snow   track and 10? of new formation to 2706? to 9300?. 5/3 ? Continue drilling a?? hote from 300? to 10098?   Notified BLM of information to 2706? Drill 8 ?? section from 2706? to 9300? 5/4 ? TOOH to BHA. THW the curve   assembly. Re-log garmarif rom 9200? to 5/3 continue drilling a?? hote from 3		Alter Casing	Hydraulic Frace	cturing			🗖 Well Integ
11.11.11 11.11.12 11.11.12 11.11.12 11.11.12 11.11.12   13. Describe Proposed or Completed Operations: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration th 11.11.12 11.11.12 11.11.12   13. Describe Proposed or Completed Operations: Clearly state all pertinent meters and 2.11.12 11.11.12 11.11.12   13. Describe Proposed or Completed Operations: If the operation results in a multiple completion or recompletion or recompletion or the involved operations. If the operation results in a multiple completion or recompleted and the operator h determined that the site is ready for final inspection. 3/29/2019 ? MIRU and Spud. Drill 17 ?? surface section from 85? to 416?. 3/30 ? Run 13 3/8? csg, 10 jts, 54.54, STC to 397. Cement csg by pumping 30 bbls of spacer, 6555x, of cement twith no cement returned to surface. BLM representative on location during cement job. RDMO. 4/28 ? MIRU, 4/29 - Perform BOPE test. 4/30 - Test 13 3/8? csg 10 1500 psi for 30 min, held, good test. Dril show track and 10? of new formation to 426? Notified BLM of 9 5/8? csg and cement job. TC to 2687?. Cement csg by pumping 20 bbls spacer, 660sx of lead cement, 180sx of tail cement with 7x of cement to surface. 5/2 ? Pressure test csg to 2100 psi for 30 min, 42 psi drop, good test. Dril show  JUL 2 3 20 JUL 2 3 20    14. I hereby certify that the foregoing is true and correct.  Electronic Submission #468895 verified by the BLM Weil Information System for MARATHON OIL PERMIAN LLC, sent to the Carlsbad Committed to AFMSS for processing by PRICILLA PERE2 on 06/13/2019							Other
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration the If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and 2 Attach the Bond Moor which the work will be performed or provide the Bond No. on file with BL/MBIA. Required subsequent reports must be filed within 30 de 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 only after all requirements, including reclamation, have been completed and the operator he determined that the site is ready for final inspection. 3/29/2019 ? MIRU and Spud. Drill 17 ?? surface section from 85? to 416?. 3/30 ? Run 13 3/8? csg, 10 [is, 54.54, ST C to 397?. Cement csg by pumping 30 bbls of spacer, 555sx, of cement with no cement returned to surface. BLM representative on location during cement job. RDMO. 4/28 ? MIRU. 4/29 - Perform BOPE test. 4/30 - Test 13 3/8? csg to 1500 psi itor 30 min, held, good test. Drill show track and 10? or new formation to 2462?. Notified BLM of inform 2706? to 30007. 5/5 ? Continue drilling 8 ?? Note track. TIH with curve assembly. Re-log gamma from 9200? to 93007. 5/5 ? Continue drilling 8 ?? Note frace BLM or 100. 2007. DOINT to 8468.95 verified by the BLM Well Information System For MARATHON OIL PERMIAN LLC, sent to the Carlsbad Committed to ArMS for processing by PRISCILLA PEREZ on 06/13/2019 DISTRICTIAARTES/A   14. I hereby certify that the foregoing is true and correct. Electronic Submission #468895 verified by the BLM Well Information System For MARATHON OIL PERMIAN LLC, sent to Carlsbad Committed to ArMS for processing by PRISCILLA PEREZ on 06/13/2019 DISTRICTIAARTES/A   <	Final Abandonment Notice			ndon		indon	Drining Oper
Electronic Submission #468895 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 06/13/2019 (19PP2417SE)   Name (Printed/Typed) JENNIFER VAN CUREN Title REGULATORY ANALYST   Signature (Electronic Submission) Date 06/13/2019   THIS SPACE FOR FEDERAL OR STATE OFFICE USE   Approved By Title Accepted for Record Date   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 Jonathon Shepard	Perform BODE test 4/20 Test	at 12 2/82 con to 1500 col	for 30 min hold acad				THEME
Name (Printed/Typed) JENNIFER VAN CUREN Title REGULATORY ANALYST   Signature (Electronic Submission) Date 06/13/2019   THIS SPACE FOR FEDERAL OR STATE OFFICE USE   Approved By Title Accepted for Record Jul Date   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 Jonathon Shepard	Perform BOPE test. 4/30 - Test track and 10? of new formatio ?? from 426 to 2696?. TOOH pumping 20 bbls spacer, 660s 5/2 ? Pressure test csg to 210 new formation to 2706?. Drill & assembly. Re-log gamma from Notified BLM of intent to run a	n to 426?. Notified BLM of to BHA. Run 9 5/8? csg, 5 x of lead cement, 180sx c 0 psi for 30 min, 42 psi dr 3 ?? section from 2706? to n 9200? to 9300?. 5/5 ? C nd cement 7? casing. TO	f 9 5/8? csg and ceme 9 jts, 36#, J55, LTC to 1 tail cement with 7sx 0, good test. Drill sho 0 9300?. 5/4 ? TOOH to 0 ontinue drilling 8 ?? ho 0 H to BHA. 5/6 ? Run	nt job. { o 2687? of ceme oe track to BHA. ole from 7? csg	5/1 - Drill 12 Cement csg by ent to surface. and 10? TIH with curve 9300? to 10098?. 245jts, 29#, VA		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE   Approved By Title Accepted for Record JUL   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 Jonathon Shepard	Perform BOPE test. 4/30 - Test track and 10? of new formatio ?? from 426 to 2696?. TOOH pumping 20 bbls spacer, 660s 5/2 ? Pressure test csg to 210 new formation to 2706?. Drill & assembly. Re-log gamma from Notified BLM of intent to run a Rougheck, to 10088?. Cemen	n to 426?. Notified BLM of to BHA. Run 9 5/8? csg, 5 x of lead cement, 180sx of 0 psi for 30 min, 42 psi dr 3 ?? section from 2706? to nd cement 7? casing. TO t csg by pumping 20 bbls true and correct. Electronic Submission #4 For MARATHON	F 9 5/8? csg and ceme 59 jts, 36#, J55, LTC to f tail cement with 7sx op, good test. Drill sho 9 300?. 5/4 ? TOOH to ontinue drilling 8 ?? ho OH to BHA. 5/6 ? Run spacer, 825sx of lead	nt job. 5 2 2687? of ceme be track to BHA. ole from 7? csg I cmt, 11 cmt, 11	5/1 - Drill 12 . Cement csg by ent to surface. and 10? TIH with curve 9300? to 10098?. , 245jts, 29#, VA 35sx of tail Information System le Carlsbad	DISTRIC	
Approved By	Perform BOPE test. 4/30 - Test track and 10? of new formatio ?? from 426 to 2696?. TOOH pumping 20 bbls spacer, 660s 5/2 ? Pressure test csg to 210 new formation to 2706?. Drill & assembly. Re-log gamma from Notified BLM of intent to run a Rougheck, to 10088?. Cemen	n to 426?. Notified BLM of to BHA. Run 9 5/8? csg, 5 x of lead cement, 180sx of 0 psi for 30 min, 42 psi dr 3 ?? section from 2706? to n9200? to 9300?. 5/5 ? C nd cement 7? casing. TOU t csg by pumping 20 bbls true and correct. Electronic Submission #4 For MARATHON mitted to AFMSS for proce	19 5/8? csg and ceme 59 jts, 36#, J55, LTC to op, good test. Drill sho op 300?. 5/4 ? TOOH to ontinue drilling 8 ?? ho OH to BHA. 5/6 ? Run spacer, 825sx of lead	nt job. { 2 2687? of ceme be track to BHA. ole from 7? csg I cmt, 11 	5/1 - Drill 12 Cement csg by ent to surface. and 10? TIH with curve 9300? to 10098?. 245jts, 29#, VA 35sx of tail	DISTRIC	
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	Perform BOPE test. 4/30 - Test track and 10? of new formatio ?? from 426 to 2696?. TOOH pumping 20 bbls spacer, 660s 5/2 ? Pressure test csg to 210 new formation to 2706?. Drill & assembly. Re-log gamma from Notified BLM of intent to run a Rougheck, to 10088?. Cemen 14. I hereby certify that the foregoing is 14. I hereby certify that the foregoing is Com Name (Printed/Typed) JENNIFEF	n to 426?. Notified BLM of to BHA. Run 9 5/8? csg, 5 x of lead cement, 180sx of 0 psi for 30 min, 42 psi dr 3 ?? section from 2706? to n 9200? to 9300?. 5/5 ? C nd cement 7? casing. TO t csg by pumping 20 bbls true and correct. Electronic Submission #4 For MARATHON mitted to AFMSS for proce R VAN CUREN	5/8? csg and ceme 59 jts, 36#, J55, LTC to f tail cement with 7sx op, good test. Drill sho 9300?. 5/4 ? TOOH to ontinue drilling 8 ?? ho OH to BHA. 5/6 ? Run spacer, 825sx of lead 10IL PERMIAN LLC, so issing by PRISCILLA PI Title F	nt job. { 2 2687? of ceme be track to BHA. ole from 7? csg I cmt, 11 <b>CLM Wel</b> ent to the EREZ or REGUL	5/1 - Drill 12 Cement csg by ent to surface. and 10? TIH with curve 9300? to 10098?. 245jts, 29#, VA 35sx of tail	DISTRIC	
certify that the applicant holds legal or equitable title to those rights in the subject lease	Perform BOPE test. 4/30 - Test track and 10? of new formatio ?? from 426 to 2696?. TOOH pumping 20 bbls spacer, 660s 5/2 ? Pressure test csg to 210 new formation to 2706?. Drill & assembly. Re-log gamma from Notified BLM of intent to run a Rougheck, to 10088?. Cemen 14. I hereby certify that the foregoing is 14. I hereby certify that the foregoing is Com Name (Printed/Typed) JENNIFEF	n to 426?. Notified BLM of to BHA. Run 9 5/8? csg, 5 x of lead cement, 180sx of 0 psi for 30 min, 42 psi dr 3?? section from 2706? to n9200? to 9300?. 5/5 ? C nd cement 7? casing. TO t csg by pumping 20 bbls true and correct. Electronic Submission #4 For MARATHON mitted to AFMSS for proce R VAN CUREN	19 5/8? csg and ceme 19 jts, 36#, J55, LTC to 19 jts, 36#, J55, LTC to 19 jts, 36#, J55, LTC to 10 jts, 36#, J56, LTC to 10 jts, 36#, J56 10 jts, 36#, 36#, 36# 10 jts, 36#, 36#, 36# 10 jts, 36#, 36#, 36#, 36#, 36#, 36#, 36#, 36#	nt job. 5 2 2687? of ceme be track to BHA. ole from 7? csg I cmt, 11 ELM Wel ent to th EREZ or REGUL	5/1 - Drill 12 Cement csg by and 10? TIH with curve 9300? to 10098?. 245jts, 29#, VA 35sx of tail Information System te Carlsbad 06/13/2019 (19PP24 ATORY ANALYST	DISTRIC	
	Perform BOPE test. 4/30 - Test track and 10? of new formatio ?? from 426 to 2696?. TOOH pumping 20 bbls spacer, 660s 5/2 ? Pressure test csg to 210 new formation to 2706?. Drill & assembly. Re-log gamma from Notified BLM of intent to run a Rougheck, to 10088?. Cemen 14. I hereby certify that the foregoing is <b>Com</b> Name ( <i>Printed/Typed</i> ) JENNIFEF	n to 426?. Notified BLM of to BHA. Run 9 5/8? csg, 5 x of lead cement, 180sx of 0 psi for 30 min, 42 psi dr 3?? section from 2706? to n9200? to 9300?. 5/5 ? C nd cement 7? casing. TO t csg by pumping 20 bbls true and correct. Electronic Submission #4 For MARATHON mitted to AFMSS for proce R VAN CUREN	5/8? csg and ceme 9 jts, 36#, J55, LTC to f tail cement with 7sx op, good test. Drill sho 0 300?. 5/4 ? TOOH to ontinue drilling 8 ?? hte OH to BHA. 5/6 ? Run spacer, 825sx of lead 168895 verified by the B I OIL PERMIAN LLC, so issing by PRISCILLA PE Title F Date C	nt job. 5 2 2687? of ceme be track to BHA. ole from 7? csg I cmt, 11 ent to th EREZ or REGUL 06/13/20	5/1 - Drill 12 Cement csg by ent to surface. and 10? TIH with curve 9300? to 10098?. 245jts, 29#, VA 55sx of tail Information System carlsbad 06/13/2019 (19PP24 ATORY ANALYST	DISTRIC 17SE)	TILARTESIA

## Additional data for EC transaction #468895 that would not fit on the form

## 32. Additional remarks, continued

cement, with 186sx of cement to surface. 5/7 ? Pressure test csg to 4700 psi for 30 min, 49 psi drop, test good. 5/9 - Drill shoe track and 10? new formation to 10108?. Circulate. Drill 6 1/8? lateral section from 10108? to 11609?. 5/10 ? TOOH to BHA. TIH to 11515?. Re-log gamma from 11515? to 11609?. 5/11 ? Continue drilling 6 1/8? lateral section from 11609? to 14111?. 5/13 ? TOOH to BHA. TIH and re-log gamma from 14011? to 14111?. Continue drilling 6 1/8? lateral section from 14111? to 15678?. 5/15 ? POOH to BHA. Flow check. TIH to 15571?. Re-log gamma from 15571? to 15678?. Drill 6 1/8? lateral section from 15678? to 17174?. 5/16 ? Notified BLM of intent to run liner and cement job. POOH to BHA. 5/17 ? Run 4 ?? liner, 188jts, 13.5#, VA Roughneck from 9351? to 17174?. 5/18 ? Cement liner by pumping 30 bbls spacer, 820sx of tail cement with 183sx cement to surface. Pressure test liner to 3800 psi for 30 min, held, test good. 5/19 ? RDMO.

	SWEET	TEA FEDERAL 24 2	29 31 WA 8H	· · · · · · · · · · · · · · · · · · ·	
		30-015-4560			
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation	
3/29/2019	5/16/2019	5/19/2019	17174 / 9878	2906	
Casing detail	Surface	Intermediate:	Production	Liner	
Date	3/30/2019	5/1/2019	5/6/2019	5/17/2019	'n
Hole size	17 1/2	12 1/4	8 3/4	6 1/8	
Casing size	13 3/8	9 5/8	7	4 1/2	
Weight	54.5	36	29	13.5	
Туре	J55	J55	P110	P110	
Thread	STC	LTC	VA Rougneck	VA Roughneck	
Тор	0	0	0	<u>9351</u>	
Depth (MD)	397	2687	10088	17174	•
Amount jnts	10	59	245 <sup>-</sup>	188	
Cement detail	Surface	Intermediate	Production	Liner	
Date	3/30/2019	5/1/2019	5/6/2019	5/18/2019	
Top depth KB		0	0	9351	
Bottom depth KB		2687	10088	17174	
Lead sks	555	660	825	26 Million Providence (Million	
Yield	1.34	2.32	2.59		
Tail sks Yield		180 1.33	165 · · · · · · · · · · · · · · · · · · ·	820 1.16	
WOC to 500 psi	5.1 hrs	1.33	1.25	1.10	
Spacer	30 bbls	20 bbls	20 bbls	30 bbls	
Class	C	- <u>C</u>	H	H	
Circulate to					
surface (sks)	0	7	186	183	
Top meas.					
method	Calculations	Circulate	Circulate	Circulate	
TOC		0	0	9351	
Pressure testing	Surface	Intermediate	Production	Liner	
Date	4/30/2019	5/2/2019	5/7/2019	5/18/2019	
PSI	1500	2100	4700	3800	
Time (min)	30	30	30	30	
Bled off	0	42	49	0	
Drop	0%	2%	1%	0%	
Good test	Yes	Yes	Yes	Yes	
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NEW M	EXICO	Country UNITED		and a second sec	Longitude (°) -104.02466330	North/South Distance (ft) 2,400.0	FSL
(Pi/ IPO U 3001545		KB Ground [ 26:50		nce (ft) 2,906.00	Drilling Rig Spud Date 4/29/2019	Well Original Completion	Date Well First Production Date
				TEA FEDERAL COM 24 2	29 31 WA 008H, 6/13/201	I9 9:58:06 AM	
MD (ftKB)	Incl (°)	TVD (ftKB)		Ve	rtical schematic (actual)		
-			Des:Conductor Cem		······································		· · · · · · · · · · · · · · · · · · ·
-21.0	1.0	-21.0	ftKB; Btm MD:106.5 ftKE Des:Surface Casing Cem ftKB; Btm MD:416.0 ftKE	ent; Top MD:26.5			uctor 1; OD:20.000 in; pth MD:26.5-106.5 ftKB;
27,6	1.0 1.0		Des:Surface Casing Ce MD:371.0 ftKB; Btr	ement (plug); Top		Length:80.00 ft	
		27.6	Des:Intermediate Cas	Date:4/29/2019		ID:12.615 in; De Length:389.50 ft	oth MD:26.5-416.0 ftKB;
416.0	0.6	416.0	MD:26.5 ftKB; Btm			D:8.921 in; Dep: ا	nediate 1; OD:9.625 in; th MD:26.6-2,686.7 ftKB
9,388.1	4.3	9,378.9	Des:Intermediate Cas MD:26.5 ftKB; Btm N	sing Cement; Top / //D:10,088.0 ftKB; /			nediate 2; OD:7.000 in;
10,087.9	74.8	9,846.7		Date:5/6/2019		ID:6.184 in; Dep Length:10,060.9	th MD:27.0-10,088.0 ftK 7 ft
10,466,9	90.6	9,873.8	·				
10,772.0	91.5	9,866.8		•			•
10,966,9	89.7	9,865.8					
11,274.0	89.0	9,867.8	•	'. · · · ·			
11,589,9	89.7	9,865.3		ť			
11,899,0	90.3	9,871.2					
12,094.2	91.2	9,867.0					
12,400,9	90:5	9,862.5					
12,721,1	88.4	9,865.0					
13,025,9	89.0	9,872.2	Des:Liner Cement; Top	MD:9.351.4 ftKB:		е и и	
13,221,1	92.6 91.5	9,867.6 9,859.0	Btm MD:17,174.0 ftKE	3; Date:5/18/2019		• •	
	88.8						
13,846.1		9,866.0					
14,152,9	89.4 90.7	9,874.3 9,872.5					
14,551.9	90.7 	9,868.9	· · ·			· . ·	
14,651.9	89.7 90.1	9,868.9					
14,975.1	90.1 91.4	9,873.7		· · · · · · · · · · · · · · · · · · ·			
15,279,9	88.8	9,862.7		•			
15,782.2	89.4	9,860.5					
16,102.0	09.4 90.4	9,867.1		· N			
16,102.0				ı		· ·	•
	90.4	9,865.2		• •			
16,602,0	90.4	9,864.3		•			
16,909.1	88.4	9,866.2				No.:5; Des:Produ	uction 1; OD:4.500 in;

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