From 3103-5 (June 2013)       LINITED STATES       OCD Arcesia DEFRAUENTICS THE INTERIOR NAY 16 2018       FORM PROVED UMERAU OF LAND MANAGEMENT       MAY 16 2018         SUDDRY NOTICES AND REPORTS ON WAY 16 2018       June 2019       1. among 11, 2012       1. among 11, 2012         SUDDRY NOTICES AND REPORTS ON WALLS       Do not use this form for proposals to drift opposals.       1. Thus and the property of the standard wall in the standard wall.       1. Thus of CAAgerement, Name and/or N         J. Type of Well       Do not use this form for proposals to drift opposals.       1. Will Name and Ne.       1. Thus of CAAgerement, Name and/or N         J. Type of Well       Do not use this form for proposals.       3. Marce Opposing       3. Marce Opposing       3. Marce Opposing         Marce Opposing       Conset:       DMUID STEWART       3. Marce Opposing       10. Theid and Pool of Exploratory Area W SAND DUNES         Location of Well       Other       B. Proce N: (Linglade area code)       10. Theid and Pool of Exploratory Area W SAND DUNES         Location of Well       Contact Code area code.       N. Standard Code area code       10. Theid and Pool of Exploratory Area W SAND DUNES         Location of Well (Code area code code area code)       10. Theid and Pool of Exploratory Area W SAND DUNES       10. Theid and Pool of Exploratory Area W SAND DUNES         Location of Well (Code area code code code code code code code code	Form 3160-5		RECEIVED	Avt. 1 1	
SUNDRY NOTICES AND REPORTS ON WELLS     Submit for the range of the state of t	June 2015) DE	PARTMENT OF THE I	NTERIOR MAY 1 C 201		MB NO. 1004-0137
Do not use this form for proposits to drill or (RETHEDIALARTESIA O.C.D.     abandroned with. Uses form 31603 (APD) for subtroproposits.     Submet (The Name     SUBMIT IN TRIPLICATE - Other instructions on page 2     The other instructins on page 2     The other other instructions on page 2     The ot				5. Lease Serial	No.
Type of Wil     Other     Other     Other     Substance     Substan	Do not use this abandoned wel	s form for proposals to I. Use form 3160-3 (AP	drill o <b>District di AR</b> TESIA D) for such proposals.		
Oil Well     © Gas Well     Other     PURE GODA FED 1       2. Name of Operator     0. A PURE VIEWART     9. APD VIEW VIEWART       3. Address     Dr. Field and Pool to Exploratory Area     WSAND DUNES       3. Address     Dr. Field and Pool to Exploratory Area     WSAND DUNES       4. Location of Well     (Poologe, Sec. T. R. M. or Survey Description)     10. Field and Pool to Exploratory Area       Sec 21 T23S R31E SESW 800FSL 1980FWL     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 ACTION       In Notice of Intent     Acidize     Deepen     Production (Start/Resume)     Water Shut-O       In Subsequent Report     Change Plans     Hyg and Alona To Exponentia Abandom     Torportial Abandom     Water Shut-O       IS Desche Proposed of Completed Operations:     If a critize     Deepen     Other     Brain State       IS Desche Proposed of Completed Operations:     If a critize     Deepen     Other     Brain State       IS Desche Proposed of Completed Operations:     If a critize     Deepen     If a critize     If a critize       IS Desche Proposed of Completed Operations:     If a critize     Puls and Abandom Torporatily Abandom     If a critize and and the critice and and provide work and approximate durating dense and action and approximate duratis dense and action andin the state action of a critize and	SUBMIT IN 1	RIPLICATE - Other inst	tructions on page 2	7. If Unit or CA	A/Agreement, Name and/or No.
Contact: DAVID STEWART     Auser of Denter     Auser of Dente	1. Type of Well				
XALSEER FRANCIS OIL COMPANY       E-Mail: david_stewart@ox, com       00-15-23175-00-52         3a. Address       Ib. Phone No. (include area code)       ID. Field and Product Exploratory Area         W SAND DUNES       ID. Field and Product Exploratory Area         VULSA, OK 74121-1468       ID. Field and Product Exploratory Area         4. Location of Well       (Prootage, Sec. 7, R, M, or Survey Description)       ID. Field and Product Exploratory Area         Sec 21 T23S R31E SESW 800FSL 1980FWL       EDDY COUNTY, NM         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            Subsequent Report          Change Plans          Plug Back          Water Disposal         13. Describe Proposed or Completed Operation: Charty state all peritomet draits, including estimated starting due of any proysed work and approximate duration theres          Plug Back          Plug Back         13. Describe Proposed or Completed Operation: The operation Regime the operation recompleted Operation at the operation recompleted or peritor the state is analytice contractory or recompleted operation Regime to any provide the operation recompleted Operation Regime to recom	2. Name of Operator	Contact:	DAVID STEWART		
TULSA, OK 74121-1468       Ph: 432-685-5717       W SAND DUNES         4. Location of Well       ( <i>Paoinge, Sec, T. R. M., or Survey Description</i> )       11. County or Parish, State         Sec 21 T23S R31E SESW 800FSL 1980FWL       EDDY COUNTY, NM         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         Subsequent Report       Casing Repair       New Construction       Recomplete         Subsequent Report       Casing Repair       New Construction       Recomplete       Other         13. Describe Proposed or Complete Operation: Clearly state all performed or growthe the Biod No. on file with BIM/BIA. Required subsequent performance of the performed or growthe the Biod No. on file with BIM/BIA. Required subsequent areas and and subseque data owns and approximate state alloging complete or recompleted. The prost and the Biod BIM/BIA. Required subsequent areas and and subseque data owns and approximate state and prevention areas and measure and and the substrate ostation areas and measure and and the substrate ostation areas and and work and approximate and the Biod and which the work will be performed or growthe Biod No. If & WIB BIM/BIA. Required subsequent the Biod Wibi. DY 400 NO         13. Describe Proposed or Completed Operation: Biod Biod and with BIM Agrowthe Mithin Biod approval to the Appendixe Mithin Biod approvento the Biod Complete and the appendixe and		E-Mail: david_stev	wart@oxy.com		
4. Location of Well       (Footage, Sec. T, R. M. or Survey Description)         Sec 21 T23S R31E SESW 800FSL 1980FWL       I1. 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         Notice of Intent       Acidize       Deepen       Production (Start/Resume)       Water Shut-O         Subsequent Report       Casing Repair       New Construction       Reclamation       Well Integrity         IS ubsequent Report       Change Plans       Plug and Abandon       Temporarily Abandon       Other         IS. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting due of any proposed work and approximate duration theree If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and there which here for final inspection.       Other         IS. Describe Proposed or Completed Operation: Clearly state all pertinent details, including reclamation and users which and write attail apprintem details, including reclamated starting due of any proposed work and approximate duration there if the set is racely for final inspection.       Reclamation and research and there which here for final inspection.         13. Describe Proposed or Completed Operation: Clearly with the set is racely for final inspection.       Reclamation and research and there on the final which is 0 days.         14. Herels and repair communication between csg from 7/13-9/26/17 to					
Sec 21 T23S R31E SESW 800FSL 1980FWL       EDDY COUNTY, NM         12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA         TYPE OF SUBMISSION       TYPE OF ACTION         Image: Complete of Intent       Acidize       Deepen       Production (Start/Resume)       Water Shuf-O         Subsequent Report       Casing Repair       New Construction       Recomplete       Other         Image: Complete Operation Clearly state all pertinent details, including estimated starting due of any proposed work and approximate duration therese       Other       Other         13. Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting due of any proposed work and approximate duration therese       Temporarily Abandon       Temporarily Abandon         13. Describe Proposed or Completed Operation Clearly state all pertinent materia depths of all pertinent materias and zone Attach the Bood under which the work will be performed to growthe the Bood No. on file with BLANBIA. Recurrent subsequent reports must be filed within 10 dys dys attach the Bood under which the work will be performed to growthe the Bood No. on file with BLANBIA. Recurrent subsequent reports must be filed within 10 dys dys attache getting formation a growthe the Bood No. on file with BLANBIA. Recurrent subsequent reports must be filed within 10 dys dys attache getting formation an growthe mose approval to PAA.         7013/19/2010/17 The State all repurcents, including estimated starting due to form 7/13-9/26/17 to PAA well. DYS dys down to gys different line applicato to Stard to Dys dys dys (Repare to Start Clearly Fi		R M or Survey Description	2)	11 County or	Parish State
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TYPE OF SUBMISSION       TYPE OF ACTION         Notice of Intent       Acidize       Deepen       Production (Start/Resume)       Water Shut-O         Subsequent Report       Casing Repair       New Construction       Reclamation       Well Integrity         Final Abandonment Notice       Change Plans       Blue Casing Plag and Abandon       Comport to Injection       Plug and Abandon       Comport Injection       Plug and Abandon       Comport Injection       Plug and Abandon       Comport Injection       Plug and Abandon       Plug and Abandon       Comport Injection       Plug and A					
Notice of Intent <ul> <li>Acidize</li> <li>Deepen</li> <li>Production (Start/Resume)</li> <li>Water Shut-O</li> <li>Subsequent Report</li> <li>Casing Repair</li> <li>New Construction</li> <li>Recalamation</li> <li>Well Integrity</li> </ul> <li>Casing Repair</li> <li>New Construction</li> <li>Recomplete</li> <li>Other</li> <li>Tescribe Proposed or Completed Operation: Charge Plans</li> <li>Convert to Injection</li> <li>Plug and Abandon</li> <li>Temporarily Abandon</li> <li>Convert to Injection</li> <li>Plug and Abandon</li> <li>Temporarily Abandon</li> <li>Convert to Injection</li> <li>Plug and Abandon</li> <li>Convert to Injection</li> <li>Plug and Abandon</li> <li>Temporarily Abandon</li> <li>Convert to Injection</li> <li>Plug and Abandon</li> <li>Temporarily Abandon</li> <li>Convert to Injection</li> <li>Plug and Abandon</li> <li>Plug and Abandon</li> <li>Temporarily Abandon</li> <li>Convert to Injection</li> <li>Plug and Abandon</li> <li>Plug and Abandon</li> <li>Temporarily Abandon</li> <li>Convert to Injection</li> <li>Plug and Abandon</li>		PROPRIATE BOX(ES)	TO INDICATE NATURE O	F NOTICE, REPORT, OF	R OTHER DATA
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Final Abandonment Notice     Change Plans     Convert to Injection     Plug Back     Plug Back     Water Disposal     Convert to Injection     Plug Back     Water Disposal     Convert to Injection     Plug Back     Water Disposal     Convert to Injection     Plug Back     Plug Back     Water Disposal     Convert to Injection     Plug Back     Plug Back     Water Disposal     Convert to Injection     Plug Back     Plug Back     Water Disposal     Convert to Injection     Plug Back	Subsequent Report			_	
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration there in the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone and the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone and zone and the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone and z	Final Abandonment Notice	_ 0 1	_		
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone that dette Bond under which the work will be performed or provide the Bond No. on file with BLM/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 31604 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 31604 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 31604 must be filed with 30 days following completion of the involved operations. If the operation substimulation is a new interval, a Form 31604 must be filed with 30 days following completion of the involved operations. If the operation substimulation is a new interval, a Form 31604 must be filed with 30 days following completion of the involved operations. If the operation is a matching and proved is the start degreen in washpipe. Notified BLM-Jim Amos approval to P&A. "Doily reports of work done from 7/13-9/26/17 are available upon request."         9/28/17 RUH with the substime in a multiple completion of the start cementing.       PUE					
9/29/17 RU cementers, pump ahead, M&P 400sx CL H cmt w/ 1% CaCl2, PUH. WOC. 10/2/17 RIH & tag cmt plug @ 8239', attempt to circ well, would not circ, M&P 400sx Cl H cmt, PUH, WOC. 10/3/17 RIH & tag cmt @ 7415', 240' low, prod/interm csg circ/communicating, pump 10# BW, remove trapped gas and balance hole. BLM Jim Amos appr 200sx plug @ 7415-6807'. M&P 200sx CL C cmt, PUH, 14. I hereby certify that the foregoing is true and correct. Electronic Submission #395170 verified by the BLM Well Information System For KAISER FRANCIS OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 11/22/2017 (18PP0307SE) Name (Printed/Typed) DAVID STEWART Signature (Electronic Submission) Date 11/15/2017 THIS SPACE FOR FEDERAL OR STATE OFFICE ISE FOR RECORD Approved By	9340' and started getting forma *Daily reports of work done fro 9/27/17 POOH w/ BHA to surfa approved to start plugging @ 9/28/17 RIH w/ impression blo	ation & gravel in washpip om 7/13-9/26/17 are avail ace, had formation and g TOF @ +/-9350'. ck to 5000', able to get th	pe, rec BLM-Jim Amos approv lable upon request. gravel in washpipe. Notified B	LM-Jim Amos DU	ECLAMATION
Electronic Submission #395170 verified by the BLM Well Information System For KAISER FRANCIS OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by PRI SCILLA PEREZ on 11/22/2017 (18PP0307SE)         Name (Printed/Typed)       DAVID STEWART         Title       SR. REGULATORY ADVISOR         Signature       (Electronic Submission)         Date       11/15/2017         THIS SPACE FOR FEDERAL OR STAT É OFFICIEUSE FOR RECORD         Approved By       Title         Conditions of approval, if any, are attached. Approval of this notice does not warrant or pertify 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	9/29/17 RU cementers, pump 10/2/17 RIH & tag cmt plug @ WOC. 10/3/17 RIH & tag cmt @ 7415	ahead, M&P 400sx CL H 8239', attempt to circ we 5', 240' low, prod/interm c	Ell, would not circ, M <u>&amp;P 400sx</u> csg circ/communicating, pump	<u>CI H cmt</u> , PUH,	
Signature       (Electronic Submission)       Date       11/15/2017         THIS SPACE FOR FEDERAL OR STATE OFFICE USE FOR RECORD         Approved By_       Title       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 which would entitle the applicant to conduct operations thereon.       Title       MAY 10 2018         Office       Junition       Junition       Junition       Junition	Com	Electronic Submission # For KAISER FR/ mitted to AFMSS for proc	ANCIS OIL COMPANY, sent to cessing by PRISCILLA PEREZ o	the Carlsbad n 11/22/2017 (18PP0307SE)	
THIS SPACE FOR FEDERAL OR STAT A OFFICETUSE FOR RECORD         Approved By       Title       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 which would entitle the applicant to conduct operations thereon.       MAY 10 2018       Date					
Approved By	Signature (Electronic S				FCORD
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.				BOLY-IEB-ION N	
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.	Approved By		Title		Date
Title 18 LLS C. Section 1001 and Title 42 LLS C. Section 1212 and a financial section 12 Control of the section 12 Control	certify that the applicant holds legal or equ	itable title to those rights in the	e subject lease	MAY TO 2018	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	Fitle 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a tatements or representations as	a crime for any person knowingly and s to any matter within its jurisdjetion.	will he to make to any depart	ment of agency of the United

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## Additional data for EC transaction #395170 that would not fit on the form

#### 32. Additional remarks, continued

WOC

10/4/17 RIH & tag cmt @ 6792'. Check for circ, M&P 120sx CI C cmt @ 6792', PUH, WOC. RIH & tag cmt

10/4/17 RIH & tag cmt @ 6792'. Check for circ, M&P 120sx CI C cmt @ 6792', PUH, WUC. RIH & tag cm @ 6411', PUH. 10/5/17 RIH w/ pkr, unable to go past 1277', POOH. RIH & perf @ 6355', check for flow, no change. 10/6/17 RIH w/ string mill to 1355', RU swivel, work on casing. 10/9/17 RIH w/ string mill to 1387', POOH. 10/10/17 RIH w/ string mill to 4023', POOH. RIH & perf @ 6350', POOH. 10/11/17 RIH & set pkr @ 3988', EOT @ 6355', check for circ & fluid loss, pump 10# BW @ 4bpm w/ returns @ 2bpm, M&P 400sx CL C cmt, PU, WOC. 10/12/17 RIH & tag cmt @ 5880', POOH. RIH & perf @ 5140', POOH. RD\_11" BOP, RU 7-1/16" BOP & accumulator on csg spool, RIH w/ tbg to 1987'. 10/13/17 RIH & set pkr @ 4102', circ hole w/ 10# MLF, M&P 200sx CL C cmt, POOH, WOC. 10/16/17 RIH & tag cmt @ 4640', POOH. RIH & perf @ 4256', RIH & set pkr @ 3956', M&P 115sx CL C cmt. POOH, WOC.

10/16/17 RIH & tag cmt @ 4640', POOH. RIH & perf @ 4256', RIH & set pkr @ 3956', M&P 115sx CL C cmt, POOH, WOC. 10/17/17 RIH & tag cmt @ 4089', POOH. RIH & perf @ 3550', POOH. RIH & set pkr @ 2932', M&P 400sx CL C cmt, POOH, WOC. RIH & tag cmt @ 2896', POOH. RIH & perf @ 2896', POOH. RIH & set pkr @ 2280', M&P 400sx CL C cmt, POOH, WOC. 10/18/17 RIH & tag cmt @ 1608', tagged high. Notified BLM, Jim Amos appr continuing with plugging. RIH & perf @ 1608', RIH & set pkr @ 1363', test csg, held OK, PUH & set pkr @ 1010', M&P 400sx CL C cmt, PUH, WOC. RIH & tag cmt @ 1122', POOH. RIH & perf @ 1122', POOH. 10/19/17 Attempt to EIR into perfs @ 1122', pressure to 750#, no rate or pressure drop. RIH w/ CBL, TOC @ 550', BLM-Jim Amos appr spotting cmt. RIH to 1122', M&P 200sx CL C cmt, POOH, WOC. 10/20/17 RIH & tag cmt @ 509', POOH. RIH & perf @ 509', RIH & set pkr @ 30', EIR, M&P 255sx CL C cmt, WOC. RIH & tag cmt @ 72', POOH. RIH & perf @ 72', EIR, M&P 57sx CL C cmt, sgz 10sx Cl C cmt 10/21/17 RDPU 10/21/17 RDPU

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OXY USA Inc. (Kaiser Francis Oil Co.) - Final Pure Gold A Federal #1 API No. 30-015-23175

67sx @ 72'-Surface VC 255sx @ 509-72' Tagged 200sx @ 1122-509' Tagged

400sx @ 1608-1122' Tagged

400sx @ 2896-1608' Tagged

400sx @ 3550-2896' Tagged

115sx @ 4256-4089' Tagged

200sx @ 5140-4640' Tagged

400sx @ 6350-5880' Tagged 120sx @ 6792-6411' Tagged 200sx @ 7415-6792' Tagged 400sx @ 8239-7415' Tagged

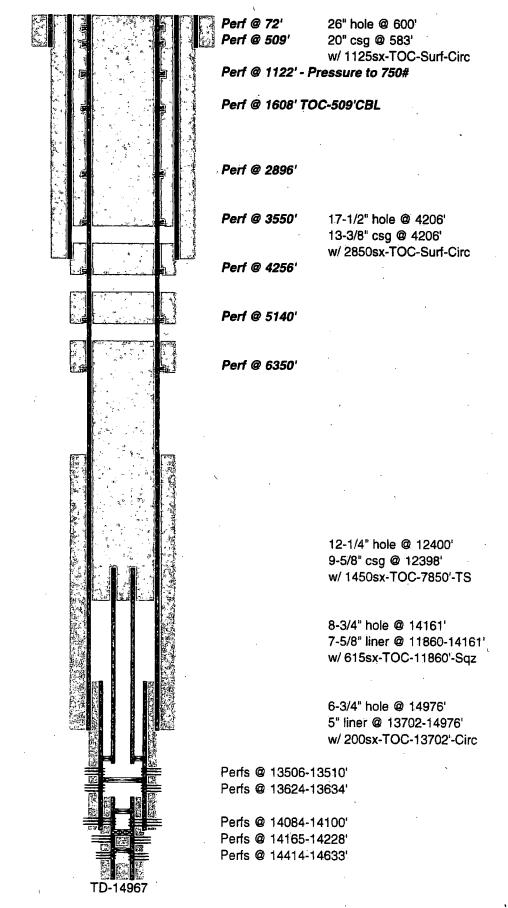
400sx @ 9479-8239' Tagged

2-3/8" tbg @ 9340 w/ pkr @ 13478'

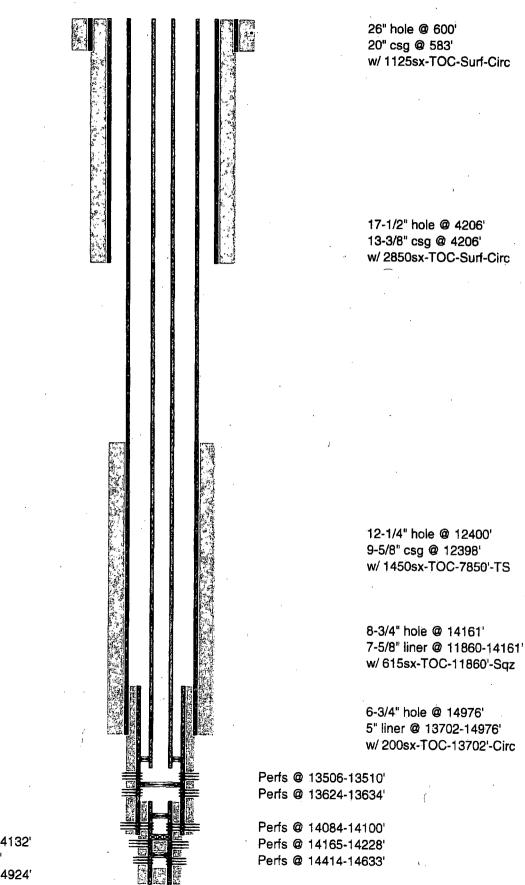
CIBP @ 13590' w/ 10' - 13580'

CIBP @ 14050 w/ 2sx - 14030'

CR @ 14142'sqz 200sx w/ 10' - 14132' CIBP @ 14370' w/ 35' cmt-14335' PB-14924'



### OXY USA Inc. (Kaiser Francis Oil Co.) - Current Pure Gold A Federal #1 API No. 30-015-23175



TD-14967

2-3/8" tbg w/ pkr @ 13478' CIBP @ 13590' w/ 10' - 13580'

CIBP @ 14050 w/ 2sx - 14030'

CR @ 14142'sqz 200sx w/ 10' - 14132' CIBP @ 14370' w/ 35' cmt-14335' PB-14924'

## Attachment 3160-5 OXY USA Inc. - (Kaiser Francis Oil Co.) Pure Gold A Federal #1 - 30-015-23175

7/13-8/2/17 RUPU and related equipment, attempt to kill well & fish tbg. RIH w/ gauge ring to 7284'. Notified BLM-Jim Amos, requested that a RBP be set @ +/- 7284' and attempt to isolate and repair 9-5/8" & 13-3/8" communication.

8/3-8/15/17 RIH & set RBP @ 7209', RIH & run CIL from 7200'-surface. RIH & work pkr down to 7175', attempt to test, with out success. POOH w/ pkr & RBP.

8/16-9/26/17 RIH & tag fish @ 7284', fish chemical cut tbg & retrieve fish down to 9340', was starting to get formation and gravel in washpipe, concerned that we were getting outside of csg. Notified BLM-Jim Amos and received approval to begin plugging @ TOF @ 9340'.

\*Daily reports of work done from 7/13-9/26/17 are available upon request.

- 9/27/2017 POOH w/ BHA to surface, had formation and gravel in washpipe. Notified BLM-Jim Amos approved to start plugging @ TOF @ +/-9350'.
- 9/28/2017 RIH w/ impression block to 5000', able to get through csg, POOH. RIH w/ muleshoe/bent sub on tbg to 9340', prepare to start cementing.

9/29/2017 RU cementers, pump ahead, M&P 400sx CL H cmt w/ 1% CaCl2, PUH, WOC.

- 10/2/2017 RIH & tag cmt plug @ 8239', attempt to circ well, would not circ, M&P 400sx CI H cmt, PUH, WOC.
- 10/3/2017 RIH & tag cmt @ 7415', 240' low, , prod/interm csg circ/communicating, pump 10# BW, remove trapped gas and balance hole. BLM Jim Amos appr 200sx plug @ 7415-6807'. M&P 200sx CL C cmt, PUH, WOC.
- 10/4/2017 RIH & tag cmt @ 6792'. Check for circ, M&P 120sx CI C cmt @ 6792', PUH, WOC. RIH & tag cmt @ 6411', PUH.

10/5/2017 RIH w/ pkr, unable to go past 1277', POOH. RIH & perf @ 6355', check for flow, no change.

10/6/2017 RIH w/ string mill to 1355', RU swivel, work on casing.

10/9/2017 RIH w/ string mill to 1387', POOH.

10/10/2017 RIH w/ string mill to 4023', POOH. RIH & perf @ 6350', POOH.

- 10/11/2017 RIH & set pkr @ 3988, EOT @ 6355', check for circ & fluid loss, pump 10# BW @ 4bpm w/ returns @ 2bpm, M&P 400sx CL C cmt, PU, WOC.
- 10/12/2017 RIH & tag cmt @ 5880', POOH. RIH & perf @ 5140', POOH. RD 11" BOP, RU 7-1/16 BOP & accumulator on csg spool, RIH w/ tbg to 1987'.
- 10/13/2017 RIH & set pkr @ 4102', circ hole w/ 10# MLF, M&P 200sx CL C cmt, POOH, WOC.
- 10/16/2017 RIH & tag cmt @ 4640', POOH. RIH & perf @ 4256', RIH & set pkr @ 3956', M&P 115sx CL C cmt, POOH, WOC.
- 10/17/2017 RIH & tag cmt @ 4089', POOH. RIH & perf @ 3550', POOH. RIH & set pkr @ 2932', M&P 400sx CL C cmt, POOH, WOC, RIH & tag cmt @ 2896', POOH. RIH & perf @ 2896', POOH. RIH & set pkr @ 2280', M&P 400sx CL C cmt, POOH, WOC.

10/18/2017 RIH & tag cmt @ 1608', tagged high. Notified BLM, Jim Amos appr continuing with plugging. RIH & perf @ 1608', RIH & set pkr @ 1363', test csg, held OK, PUH & set pkr @ 1010', M&P 400sx CL C cmt, PUH, WOC. RIH & tag cmt @ 1122', POOH. RIH & perf @ 1122', POOH.

10/19/2017 Attempt to EIR into perfs @ 1122', pressure to 750#, no rate or pressure drop. RIH w/ CBL, TOC @ 550', BLM-Jim Amos appr spotting cmt. RIH to 1122', M&P 200sx CL C cmt, POOH, WOC.

10/20/2017 RIH & tag cmt @ 509', POOH. RIH & perf @ 509', RIH & set pkr @ 30', EIR, M&P 255sx CL C cmt, WOC. RIH & tag cmt @ 72', POOH. RIH & perf @ 72', EIR, M&P 57sx CL C cmt, sqz 10sx CI C cmt into surface, cmt visually confirmed @ surface. ND BOP & spool.
 10/21/2017 RDPU



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

#### **Reclamation Objectives and Procedures**

**Reclamation Objective:** Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- 1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Appropriate time for submittal would be when filing the Vell Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation

equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos

Supervisory Petroleum Engineering Tech 575-234-5909, 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Henryetta Price Environmental Protection Specialist 575-234-5951

Shelly Tucker Environmental Protection Specialist 575-234-5979

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