JUN 2 4 2019

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											5. Lease Serial No. NMNM40659							
1a. Type of Well       ☑ Oil Well       ☐ Gas Well       ☐ Dry       ☐ Other         b. Type of Completion       ☑ New Well       ☐ Work Over       ☐ Deepen       ☐ Plug Back       ☐ Diff. Resvr.									esvr.	6. If Indian, Allottee or Tribe Name								
	•	Other	r					_	_				7. Ui N	it or CA A MNM1389	greem 37	ent Name	and No.	
2. Name of OXY US	Operator SA INCORP	ORATED	) E-	-Mail: S	ARAI	Contact: S/ H_CHAPN	ARAH AN@(	E CHAP OXY.CO	M/ M	AN			8. Le	ase Name a RIDIUM MI	ind W DP1 2	ell No. 28-21 FE	DERAL	<del></del> СОМ 21Н
.3. Address	5 GREEN	WAY PLA	ZA SUITE 046-0521	110				Phone N : 713-35		(include area 4997	code)		9. Al	I Well No.		15-45074	1-00-S1	- <del>-</del>
4. Location	of Well (Rep	ort location	on clearly an	d in acc	ordan	ce with Fed	eral rec	quirement	ts)*	:			10. F	ield and Po	ol, or	Explorato	ory	
At surfa			31E Mer NN 648FWL 3	2.2698	56 N I	Lat, 103.78	39196	W Lon					11. S	IGLE WEL	M., or	Block an	d Survey	<del></del>
At top p	rod interval r	eported be	Sec low SWS: R31E Mer	SW 472	FSL (	1E Mer NN 391FWL 3	2.2693	60 N Lat	t, 1	03.790030 V	V Lor	1	01	Area Sec	28 T	23S R31	E Mer í	MP
At total	depth NW	21 1235 NW 24FN	IL 303FWL	32.296	723 N	N Lat, 103.	79010	0 W Lon	1				Е	County or Pa DDY			IM	
14. Date Sp 07/22/2	oudded 018			ite T.D. /03/201		ned		$\square D8$	& Α	Completed Read 2018	y to P	rod.	17. E	levations (1 336	DF, K 88 GL		_)*	
18. Total D	epth:	MD TVD	19056 8690	)	19. I	Plug Back 7	.D.:	MD TVD		19866 8690		20. Dep	oth Brid	ige Plug Se	t:	MD TVD		
21. Type El DUALL	lectric & Oth ATEROLOG	er Mechan S&N GAM	nical Logs Ri IMARAY	ın (Subi	mit co	py of each)					Was I	vell cored OST run? tional Su		🛛 No 🔝	□ Ye	s (Submit s (Submit s (Submit	analysis	)
23. Casing ar	nd Liner Reco	ord <i>(Repor</i>	rt all strings				T <sub>a</sub>		_	N 601		1		•	<u>.</u>	T		<u> </u>
Hole Size	Size/Gi	rade	Wt. (#/ft.)	To <sub>]</sub> (MI		Bottom (MD)	_	Cemente Depth	er	No. of Sks. Type of Cen		Slurry (BB		Cement 7	Гор*	Amoi	unt Pulle	d
17.500		375 J-55	54.5		0	628			+		862		207		0		-	
12.250 8.500	4	375 L-80 325 L-80	43.5 26.4		0	4278 8180			+		1450 687	+	479 230		0	+		
6.750	<del>1</del>	0 P-110	20.0		ō	19047					705	1	207		5350	+		<u></u> h
			: .				<u> </u>		4			ļ						<u>U .</u>
24. Tubing	Record			L	J	•	<u> </u>					<u> </u>				<u> </u>		
Size	Depth Set (M	ID) Pa	cker Depth	(MD)	Siz	e Dep	th Set (	MD)	Pa	cker Depth (M	1D)	Size	De	pth Set (Ml	D)	Packer D	epth (M	D)
25. Producis	na Intervals					126	Perfo	ration Re	cor	d ·								
	ormation		Тор		Bot	tom		Perforate				Size	1	lo. Holes	Γ	Perf. S	tatus	<del></del> .
A)	BONE SPI	RING		8835		18933			8	8835 TO 189	33	0.5	20	1200	ACT	IVE		
B)											+		+					
<u>C)</u> D)											+		_		-			<del>.</del> .
	racture, Treat	ment, Cen	nent Squeeze	, Etc.														
	Depth Interva		158794	14641.5	SLICK	WATER 10	904 G4			ount and Typ ACID W/ 1979				···		·		
		5 10 103	33 100134	110/12	DETOR	************	00107	12 107017		71010 117 1070		, 0,						_
28. Product	ion - Interval																	<del></del> -
Date First	Test	Hours	Test Production	Oil BBL		Gas MCF	Water BBL		Grav		Gas Gravit		Product	on Method			٠	
Produced 12/31/2018	Date 02/01/2019	Tested 24	Production	3140		6292.0	3331		i. Ai		Glavit	,		FLOV	VS FR	OMWELL		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL	Gas Rati	s:Oil io		Well S	MACC	JEP	IEDF	UR	<b>REC</b> (	JRDI	
72/128	SI	890.0		314	0	6592	333	31			F	ow 1						
	tion - Interva	I B .	Test	Oil	L	Gas	Water-	· Ioa	Grav	vity	Gas	-	Product	on Method	2 0	040		<del></del>
Date First Produced	Date	Hours Tested	Production	BBL		MCF	BBL		r. Al		Gravit	y	//	UNFUIDE	ام کا <u>ال</u> ا	01 <b>9</b>	A	,
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL	Gas Rati	s:Oil tio		Well S		IREAL CAR	OF LAND LSBAD FI	MAN ELD (	VACEME OFFICE	NT	

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #457959 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\*\* BLM REVISED \*\*\* BLM REVISED \*\*\* BLM REVISED \*\*\* BLM REVISED \*\*\*

Date First Produced Date Tested Production Date Date First Produced Date Date Date Date Date Date Date Date	28h Produ	uction - Interva	al C				· · · · · · · · · · · · · · · · · · ·								
Production   Page   Page   Production   Page   P					Oil			Oil Gravity	· Ga	as	Production Method	· · · · · · · · · · · · · · · · · · ·			
Size   Function   Internal D															
Discretion   Test   T		Flwg. Press. Rate BBL M								ell Status					
Total   Traved   Tr	28c. Produ	action - Interva	il D	<del></del>											
29. Disposition of Gas/Sold, used for fuel, vented, etc.)  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top Bottom Descriptions, Contents, etc. Name McELL CANYON 5068 6292 Olic, Gas, WATER SALADO CASTILE DELAWARE BRUSHY CANYON 6293 7967 Olic, Gas, WATER SALADO CASTILE DELAWARE BELL CANYON 7968 8821 Olic, Gas, WATER DELAWARE BELL CANYON BRUSHY CANYO											Production Method				
30. Summary of Porous Zones (Include Aquifers):  30. Summary of Porous Zones (Include Aquifers):  31. Formation (Log) Markers  32. Additional remarks (include plugging procedure):  13. Circle enclosed attachments:  13. Circle enclosed attachments:  13. Circle enclosed attachments:  14. Electrical/Mechanical Logs (I full set req4.)  25. Sundry Notice for plugging and cement verification  26. Core Analysis  36. Core Analysis  37. Other:  37. Other:  38. DST Report  48. Directional Standard (Instructions):  38. Electronic Submission #457998 verified by the BLM Well Information System.  58. For XV USA INCORPORATED, sent for Carbabad Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)		Flwg.							W	Well Status					
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name MBELL CANYON 4201 5067 OIL. GAS, WATER SALADO CHERRY CANYON 5068 6292 OIL. GAS, WATER SALADO SATULE BRUSHY CANYON 6293 7867 OIL. GAS, WATER CASTILE DELAWARE BELL CANYON 7968 8821 OIL. GAS, WATER DELAWARE BELL CANYON CHERRY CANYON BONE SPRING OIL. GAS, WATER BELL CANYON CHERRY CANYON BONE SPRING OIL. GAS, WATER SELL CANYON BONE SPRING OIL. GAS, WATER SELL CANYON BONE SPRING OIL. GAS, WATER OIL. GAS, WATER SELL CANYON BONE SPRING OIL. GAS, WATER SELL CANYON BONE SPRING OIL. GAS, WATER OIL. GAS, WATER SELL CANYON BONE SPRING OIL. GAS, WATER SELL CANYON BONE SELL CANYON BONE SP			old, used j	for fuel, vent	ed, etc.)	<u> </u>		<u> </u>							
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name MELL CANYON 4201 5067 OIL, GAS, WATER SALADO CHERRY CANYON 5068 6292 OIL, GAS, WATER SALADO CASTILE DELAWARE BRUSHY CANYON 6293 7967 OIL, GAS, WATER OLEAWARE BELL CANYON GET CANYON BRUSHY CANYO	30. Summ	ary of Porous	Zones (Inc	lude Aquife	rs):	•		<del>_</del>		31. For	mation (Log) Markers				
BELL CANYON CHERRY CANYON 5068 6292 OIL GAS, WATER CASTILE CASTILE DELAWARE BELL CANYON 5068 6292 OIL GAS, WATER CASTILE DELAWARE BELL CANYON BONE SPRING 7968 8821 OIL, GAS, WATER CASTILE DELAWARE BELL CANYON CHERRY CANYON BONE SPRING  32. Additional remarks (include plugging procedure): LOG HEADERS, DIRECTIONAL SURVEY, AS-DRILLED C-102 PLAT AND WBD ARE ATTACHED  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.) 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #487959 Verified by the BLM Well Information System. For OXY USA INCORPORATED, sent to the Caribbad Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)	tests, i	ncluding deptl							es						
CHERRY CANYON 5088 6292 7967 OIL, GAS, WATER BRUSHY CANYON BONE SPRING 7968 8821 OIL, GAS, WATER CASTILE DELAWARE BELL CANYON CHERRY CANYON CHERRY CANYON BONE SPRING  32. Additional remarks (include plugging procedure): LOG HEADERS, DIRECTIONAL SURVEY, AS-DRILLED C-102 PLAT AND WBD ARE ATTACHED  33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional S 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): For OXY USA INCORPORATED, sent to the Carlabad Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)	<u></u>	Formation		Тор	Bottom		Descriptio	ns, Contents, et	c.		Name	Top Meas. Deptl			
32. Additional remarks (include plugging procedure): LOG HEADERS, DIRECTIONAL SURVEY, AS-DRILLED C-102 PLAT AND WBD ARE ATTACHED  33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional S 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #457959 Verified by the BLM Well Information System. For OXY USA INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)	CHERRY BRUSHY	CANYON CANYON		5068 6293	6292 7967	OIL OIL	., GAS, WA ., GAS, WA	TER TER		SA CA DE BE CH	LADO STILE LAWARE LL CANYON ERRY CANYON	432 738 2689 4172 4201 5068 6293			
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional S. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)										ВО	NE SPRING	7968			
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional S. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)															
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional S. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)									•						
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional S. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)				•											
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional S 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)	32. Additi	ional remarks HEADERS, [	(include pl	ugging proc	edure): /EY, AS-D	RILLED C-	102 PLAT	AND WBD ARI	E ATTA	CHED		<u></u>			
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional S 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)										-					
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional S 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)						•									
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional S 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)	•														
Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)	I. Ele	ectrical/Mecha	nical Logs					-			port 4. Direct	ional Survey			
Electronic Submission #457959 Verified by the BLM Well Information System.  For OXY USA INCORPORATED, sent to the Carlsbad  Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0077SE)	24 11- 1	ا الدين عليه العالم الدين العالم	the form	ing and are-	ahad in far-	ation is so-	nlate and as	rreet as determine	nad from	all available	a records (see attached instruc	tions):			
•	34. I nere	by centify that		Elect	ronic Subm For (	nission #457 OXY USA I	959 Verifie NCORPOR	d by the BLM V ATED, sent to	Well Info	ormation Sy rlsbad	stem.				
	Name	(please print)			to AFMSS	tor process	sing by DEI			· ·	·				
Signature (Electronic Submission) Date 03/14/2019	· Signa	ture	(Electron	ic Submiss	ion)		•	Date	03/14/20	019					
	Oigila		,	,											