Office District I – (575) 393-6161 District II – (575) 748-1283	Energy, Minerals a	nd Natura	al Resources	WELL API NO.	Form C-103 of Revised July 18, 2013 30-025-47947		
811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	OIL CONSERVA 1220 South Santa Fe,	St. Franc	5. Indicate Type of Lease STATE FEE 6. State Oil & Gas Lease No.				
	ICATION FOR PERMIT" (FORM Gas Well Other	EN OR PLUC C-101) FOR		7. Lease Name or Sosa SA 17 SWD 8. Well Number 9. OGRID Numbe	Unit Agreement Name 2 or 372311		
3. Address of Operator 5910 N Central Expressway, Suite				10. Pool name or SWD; San Andres	Wildcat		
4. Well Location Unit LetterN Section 17	:470feet from the _ Township 11. Elevation (Show whe 3648	21S I	Range 36	E NMPM	neWestline County Lea		
12. Check A	Appropriate Box to Indi	cate Natu	are of Notice, F	Report or Other D	ata		
NOTICE OF IN PERFORM REMEDIAL WORK TEMPORARILY ABANDON DULL OR ALTER CASING DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM OTHER: Completion Plan	CHANGE PLANS MULTIPLE COMPL		SUB REMEDIAL WOR COMMENCE DR CASING/CEMEN' OTHER:	LLING OPNS.	PORT OF: ALTERING CASING P AND A		
13. Describe proposed or complete of starting any proposed wo Injection interval 4500-5350 1 MIRU WSU and RU, NU BOP	leted operations. (Clearly st ork). SEE RULE 19.15.7.14	ate all peri		give pertinent dates,	including estimated date		
2 PU 3 1/2 workstring and drill out DV tools and RU wireline run CBL-CNL-CCL TD surf repeat 4 Test Casing to 3000 PSI 5 Perforate porous intervals 4500'-5250' Perfs	0 psi main pass 1000 psi Email logs to	arickard@car	nbrianmgmt.com imme	diately			
6 Swab for content until San Andres water is ir 7 Pick up plug and packer TIH, acidize perfs sel 8 POOH LD tools and work string 9 Run step rate test at 5, 10, 15, 20, 25, 30, 35 E	ndicated, Have ind consultant for Car lectively with a total 20Kgal 15% HCL	w/2xNEFE	k up samples to be test	ed for petroleum content			
10 RU wireline Run G-ring and JB to top perf 11 Run 9 5/8 stainless wet area permapak with 12 Notify OCD of planned MIT in step 17	stainless 3.81" R-Nipple set 50' above	e top perf and					
13 PU 5-1/2-17# LTC fiberglass lined cemented to 14 Pump packer fluid Down backside displace under 15 Sting seal assembly into packer 16 Nipple down BOP NU wellhead 17 RUN MIT 18 Turn well over to injection		Approved	for 4.5-inch diameter t	abing			
Spud Date: 2-19-202	1 Rig Rel	ease Date:	3-3	-2021			
I hereby certify that the information and SIGNATURE	above is true and complete t	o the best Engine	, ,	and belief.	TE 3-2-2021		
Type or print name Chris J. Gaddy For State Use Only					432-620-9181 x27		
APPROVED BY: Conditions of Approval (if any) eleased to Imaging: 3/3/2021 2:58:5	R. Letze TITLE	UIC Ma	nager	DATE	3 03/05/2021		



Goodnight Midstream Sosa 17 SWD #2

4/27/2020

Re Completion Procedure

API# 30-025-47947

470' FSL & 1815' FWL, Unit N of Sec 17, T21S, R36E, Lea County, NM

Lat. 32.4729063 / Long. -103.2901708

Lea County, New Mexico

Directions to Sosa 17 SWD #1:

From the intersection with NM Hwy 8 take NM HWY 176 west approx. 1.6 miles, turn right/north on Gulf Road and go 0.1 mile and turn left/west 550' to the wellsite across from the Goodnight Wrigley Facility. **Speed limit on dirt roads is 15 mph**

Sosa 17 SWD #2 is a Lea County commercial disposal drilled to 5450 with 9 5/8 inch casing set at 5445'. The injection inerval is 4500-5350 feet. The well was drilled with 2 pipe strings, surface casing being at 1349'. A CBL and CNL will be run on the long string to record cement quality in the welland to evaluate porosity to pick perforations. 5 $\frac{1}{2}$ = 17 #/ft J55 fiberglass lined cemented tubing with LTC threads will be used for an injection string along with a Stainless steel (WET AREA) Permapack PACKER WITH A 3.81 R-nipple. The well will be recompleted as a San Andres disposal between 4500-5350 with perforations from 4380'-5560'.

TOTAL DEPTH: 5446 **PBTD:** 5400' **KB:** 3653' **15' AGL GL:** 3648

CASING: 20" 94# conductor @ 120'

13 3/8" Surface casing @1349'

9 5/8" 40# HCL 80 Intermediate csg @ 5445' Cem to surface

Completion Procedure

- Inspect location for hazards prior to MIRU
- Rent and have delivered 5400 3 1/2 L80 8rnd tubing and pipe racks.
- Set 10 frac tanks and load 1w/ fresh water and 9 frac tank with produced water
- 1 Acid tanks loaded w/??? bbls fresh water (consult with acid company)



- 1) MIRU WSU
- 2) MIRU Reverse Unit. NU and test BOPs
- 3) PU 8 ½ bit X-over and 6 DC TIH to top DV tool at 3019' DO
- 4) Cont in hole to 2nd DV/ECP tool Set at 4545'to 4572' and DO
- 5) Cont in hole DO CO to 5400' float collar at 5403'
- 6) POOH
- 7) RU wireline run CBL CNL PBTD 5400 to surface run repeat 0 psi run main pass w/ 1000 psi to surf Forward logs immediately to arickard@cambrianmgmt.com for perf picks
- 8) Pressure test casing 3000 psi
- 9) Perforate per recommendation

Perf and Acid Detail

- 10) PU treating packer and SN and RBP TIH to 5360'. Set RBP,
- 11) Pull PKR to 4500' and set
- 12) Swab intervals until San Andres water can be determined. Have independent consultant collect samples and take to Cardinal Labs in Hobbs to evaluate for commercial petroleum content.
- 13) Install float, TIH to RBP space out as per perf/acid recommendation
- 14) Acid stimulate
- 15) POOH LD WS PKR and RBP
- 16) Run step rate test:

Rate BPM	time	bbls
5	30	150
10	30	300
15	30	450
20	30	600
25	30	750
30	30	900
35	30	1050
		4200 bbls

Do not exceed 900 PSI STP

- 17) RU Wireline TIH W/G-ring JB,
- 18) RU wireline PU Permapak PKR w/ stainless wet area and 2.75 R-Nipple w/ Pump out plug below and 2.81 F-Nipple above seal assembly. TIH to 4350' and set 4500' (4450'-4540' depending on perfs) and set
- 19) Schedule MIT
- 20) PU 4550' 5 ½" 17#/ft J55 LT&C tubing w/ fiberglass cemented lining, , TIH (Get thread rep and run Torque turn)(torque values LTC 2470-3340 ftlbs 2905 optimum)
- 21) Space out
- 22) Circulate packer fluid
- 23) Land seal assembly in packer



- 24) Test packer and casing to 1000 PSI. Test tubing to 2000 PSI for 30 min.
- 25) ND BOP NU wellhead
- 26) Test Backside 500 PSI 30 min. Leave 300 psi shut in on backside.
- 27) Pump out Pump out plug
- 28) Relieve pressure on backside
- 29) Run MIT
- 30) RD WSU
- 31) Turn well over for disposal



				Cambria Actual V	n Man Vellbore	agement Diagram					
/ELL NAME:	Sosa SA 17 SWD #2			POOL:	SWD; SAN AN	IDRES	STATE:	New Mexico			
OCATION:	470' FSL & 1815' FWL, Lat. 32.472906 / Long		7, T21S, R36E	COUNTY:	Lea			TD	Completion		
LEVATION:	GL 3648', KB TBD'	.00.2801/0		Updated	1/14/2021	DATE	Spud	טו	Completion		
B:	TBD'										
PI# rill Contractor	30-025-47947			PREPARED BY:	C. Gaddy		TVD Total Depth		PBTD	Permit Depth 5400	
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CMT	CMT VOL	TOC	Method	DV Depth
Surf CASING: Int CASING:	1350'	17 1/2	13 3/8"	48	J55	STC	Class C	835 sx	Surf	Circ	
Liner:											
Prod Casing	5400'	12 1/4	9 5/8"	40	L80HC	LTC	Class C	1450 sx	Surf	Circ all stages	
OH: Tubing:	4480'		5 1/2	17	J55	LTC					
Hole Size	Formation Tops estimated	- 80	9	H							
		-6		3	20" Conduct	or @ 120'					
	USDW base 1299 Rustler Anhy 1300' First Salt 1390'			Suri	face csg 13 3/	8" 48# J-55 STC @	1349'				
	Tansil Anhydrite 286-	4		9 5/8" DVT bel	ow base of sa	it .					
			3								
	Yates Anhydrite 3090		3								
	Yates Sand 3163'										
	Seven Rivers 3295'		3								
40 445	Queen 3622'										
12 1/4"			3								
	Primrose 3776'		8								
	Grayburg 3940'										
			3								
			200								
	San Andres 4352'		\$								
				Top of injection	n interval 4500) '					
				9 5/8" DVT @							
			8								
			3	Bottom of inject	tion interval 5	350'4					
			TD: 5446'	Long String	9 5/8" 40# H	CL80 LTC @ 5445'					



				Cambria	n Man	agement					
				Proposed	Wellbor	e Diagram					
ELL NAME:	Sosa SA 17 SWD #2			POOL:	SWD; SAN AN	INDES	STATE:	New Mexico			
	470' FSL & 1815' FWL,	Unit N of Sec	17, T21S, R36E	COUNTY:	Lea	VDIVES					
EVATION:	Lat. 32.472906 / Long GL 3648', KB TBD'	-103.290170		Updated	1/14/2021	DATE	Spud	TD	Completion		
3:	TBD'										
ill Contractor	30-025-47947			PREPARED BY:	C. Gaddy		TVD Total Depth		PBTD	Permit Depth 5400	
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CMT	CMT VOL	TOC	Method	DV Depth
Surf CASING: Int CASING:	1350'	17 1/2	13 3/8"	48	J55	STC	Class C	835 sx	Surf	Circ	
Liner:											
Prod Casing OH:	5400'	12 1/4	9 5/8"	40	L80HC	LTC	Class C	1450 sx	Surf	Circ all stages	
Tubing:	4480'		5 1/2	17	J55	LTC					
	Formation Tops										
Hole Size	estimated	-2	8	落							
17 1/2"	USDW base 1299				20" Conduc	tor @ 120'					
	Rustler Anhy 1300'	8	8	2							
	First Salt 1390'	100	Name of the last o	Surf	ace csg 13 3	/8" 48# J-55 STC @	1349'				
	Salado 1440'		2000								
			200								
			8								
- - - - -											
			3	9 5/8" DVT bel	ow base of sa	alt					
			8								
			8								
	Tansil Anhydrite 286	4'	200								
	Yates Anhydrite 3090),	900								
	Yates Sand 3163'										
	Seven Rivers 3295'		800	5 1/2 17# Jkk L	TC fiberglas	lined cemented tubi	ing				
	O Vell Mivel S 3295										
12 1/4"	Queen 3622'		200								
	Primrose 3776'		202	-							
	Gravhura 2040		88	-							
	Grayburg 3940'		Š								
			25 Sept.								
			200								
			900								
			4								
	San Andres 4352'			Stainless Wet	Area Perma	pak 9 5/8 X 5 w/3.8	1 R profile nipple				
				Top of injection	interval 450	0'					
				9 5/8" DVT @	4500						
			15								
			60	estimated perf	s 4540-5350						
			10								
			9								
			8								
				Bottom of inject	tion interval	5350'					
						CL80 LTC @ 5445'					
	Glorieta ~5440		TD: 5446'								



Receive	d by OCD: 3	/2/2021 5:40	:31 PM			n Mana Vellbore	agement Diagram					Po	ge 8 of 9
	WELL NAME:	Sosa SA 17 SWD #2	II-4 N -4 C 47	T040 D00F	POOL:	SWD; SAN AN	DRES	STATE:	New Mexico				
	LOCATION:	470' FSL & 1815' FWL, l Lat. 32.472906 / Long1		121S, R36E	COUNTY:	Lea		Spud	TD	Completion			
	ELEVATION: KB:	GL 3648', KB TBD' TBD'			Updated	1/14/2021	DATE						
	API#	30-025-47947			PDED ADED BY	0.0-44		TVD		PBTD	Permit Depth 5400		
	Drill Contractor	DEPTH	HOLE SIZE	SIZE	PREPARED BY: WEIGHT	C. Gaddy GRADE	THREAD	Total Depth CMT	CMT VOL	тос	5400 Method	DV Depth	
	Surf CASING: Int CASING:	1350'	17 1/2	13 3/8"	48	J55	STC	Class C	835 sx	Surf	Circ		
	Liner:												
	Prod Casing OH:	5400'	12 1/4	9 5/8"	40	L80HC	LTC	Class C	1450 sx	Surf	Circ all stages		
	Tubing:	4480'		5 1/2	17	J55	LTC						
		Formation Tops											
	Hole Size	estimated	8 8		8	20" Conducto	@ 420!						
				4	8	20 Conducti	or @ 120						
					<u> </u>								
			£ 3		<u> </u>								
			2000		8								
			8 8		25								
	17 1/2"				Š.								
					ĝ								
			3										
			8 8		3								
		USDW base 1299	1000										
		Rustler Anhy 1300'		5	Sur	face csg 13 3/	8" 48# J-55 STC @ 1	349'					
		First Salt 1390'	9										
		Salado 1440'	9	-									
			9 5										
			1										
			- 2	<u> </u>									
			8	380	9 5/8" DVT belo	w base of sal							
			§										
			600										
				8									
			2	9									
			9	3									
		Tansil Anhydrite 2864'	3										
		Yates Anhydrite 3090'	- 3										
		Yates Sand 3163'		8									
		Seven Rivers 3295'											
			8										
	1												
	12 1/4	Queen 3622'											
		Primrose 3776'		<u> </u>									
			0	Š									
		Grayburg 3940'	0	Š.									
			9										
			9										
			100	-									
			8										
		San Andres 4352'	9	2									
			8		Top of injection	interval 4500	<u> </u>						
			9		9 5/8" DVT @ 4	1550'							
			2										
			9	3									
	1		1										
			9	\$									
			1										
			90	3									
			- 5		Bottom of inject								
		Glorieta -5440		TD: 5446'	Long String	υ σ ο/σ ¨ 40# HC	CL80 LTC @ 5445'		<u> </u>				
Release	d to Imaging	Glorieta -5440 : 3/5/2021 2.	:58:54 P	M									
		<u> </u>	<u> </u>			<u> </u>						I	

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

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 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

Action 19514

CONDITIONS OF APPROVAL

Operator	:		OGRID:	Action Number:	Action Type:
	GOODNIGHT MIDSTREAM PERMIAN, L	5910 North Central Expressway	372311	19514	C-103X
Suite 85	50 Dallas, TX75206				

OCD	Condition
Reviewer	
pgoetze	At a minimum, the testing of casing shall follow procedure as specified in 19.15.16.10 (I) NMAC. The well is approved for the installation of 4.5-inch diameter tubing or smaller and not for the 5.5-inch
	diameter tubing listed in the NOI. Operator shall provide notice to the appropriate OCD field office 48 hours prior to conducting the initial MIT for the opportunity to witness