Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

HOBBS PCD OCD Hobbs

FORM APPROVED OMB No. 1004-0137

			BUREAU	OF LA	ND I	MANA	GEMEN	IT			JAI	V 3	0 20	0			31, 2010
	WELL C	OMPL	ETION O	R REC	OM	PLET	ION RE	EPOR	TA	ND L	OG	V	7 20	3. Lea	ase Serial N MNM0212	lo. 7B	
la. Type of	Well	Oil Well	☐ Gas V	Vell [Dr	у 🗆	Other					2	VE	6 If I	ndian, Allo	ttee or	Tribe Name
b. Type of Completion ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other											SVI.	7. Unit or CA Agreement Name and No. 891006455A					
Name of Operator Contact: D. PATRICK DARDEN, PE LEGACY RESERVES OPERATING LP-Mail: pdarden@legacylp.com												8. Lease Name and Well No. LEA UNIT 45H					
3. Address	303 W W	ALL SUIT	ΓΕ 1600			0 0	3a.	Phone !			e area co			9. AP	I Well No.	30-02	5-43143-00-S1
4. Location	of Well (Rep	ort locati	on clearly and	d in accor	rdance	e with Fe	ederal req	uiremen	nts)*						ield and Po	ol, or I	Exploratory
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 1 T20S R34E Mer NMP At surface SWSW 630FSL 710FWL Sec 12 T20S R34E Mer NMP At top prod interval reported below NWNW 377FNL 677FWL											11. Sec., 1., K., M., or Block and Survey or Area Sec 1 T20S R34E Mer NMP						
	Sec	12 T20S	R34E Mer	NMP	NL 6	677FWL								12. C	ounty or Pa		13. State NM
14. Date Sp	At total depth SWSW 340FSL 648FWL 14. Date Spudded 03/25/2017 15. Date T.D. Reached 04/11/2017 16. Date Completed □ D & A ☑ Ready to Prod. 05/21/2017										od.	17. Elevations (DF, KB, RT, GL)* 3673 GL					
18. Total De	epth:	MD TVD	15769 10410		19. P	lug Back	T.D.:	MD TVD			769 0410	1	20. Dep	th Brid	lge Plug Se		MD TVD
21. Type El GR-CCI		er Mechai	nical Logs Ru	ın (Subm	it cop	y of eacl	h)				W	as D	ell cored ST run? onal Sur	? [No I	Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing an	d Liner Reco	ord (Repo	ort all strings	set in we	ll)								onar our				(Cacinit analysis)
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)		Bottom (MD)		Cement	ter		of Sks. & of Ceme	- 1	Slurry (BB)		Cement 7	op*	Amount Pulled
17.500		375 J-55	54.5		0	179			1			500				0	
17.500		375 J-55	54.5		0	18			+			300				0	
12.250 12.250		325 J-55 HCL-80	40.0 40.0		0	54		395	50			600 900		_		0	
8.750		0 P-110	20.0			155	-			2800					0		
8.750	5.500 H	ICP-110	20.0			157	69 /	1		2600					0		
24. Tubing		(D) D	1 5 1	0 (D) T	0:		4.0.0	, m, T	P.	1 D	1.0.0	,	0:	L	4.0.00		P. 1. P. 4.470
2.875	Depth Set (N	9730 •	acker Depth	MD)	Size	e De	epth Set (MD)	Pac	ker De	epth (MI	"	Size	De	pth Set (MI)	Packer Depth (MD)
25. Producir	ng Intervals					1	26. Perfor	ration Re	ecord								
Fo	rmation		Тор		Bottom			Perforated Interval			Size		No. Holes		Perf. Status		
A) B)	BONE SPI	RING	11155		15699		11155 TO 15		O 15699	599		660 PRC		PRO	DUCING		
C)																	
D)																	
	Depth Interva		nent Squeeze	e, Etc.					Amo	unt on	nd Type	f Me	torial				
1			699 TREAT	WELL W/	2,118	BBLS A	CID & 5,7	25,648#					iteriai				
														ACI	CFPTF	n F	OR RECO
			-									_		710			
28. Producti	on - Interval	A			8										LA	N 2	/ 2010
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga M	as ICF	Water BBL		il Gravi			as ravity		Producti	on Method A	RM	1997
05/25/2017	06/10/2017	24		455.0		102.0	1180			42.6		_	81		LECTRIC		SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 410 SI	Csg. Press. 150.0	24 Hr. Rate	Oil BBL 455	Ga M	as ICF 102	Water BBL 118	Ra	as:Oil atio	224	W	ell Sta	tus	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE			
28a. Product	tion - Interva																
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga M	as ICF	Water BBL		il Gravi			as ravity		Producti	on Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Ga M	as ICF	Water BBL		as:Oil		W	ell Sta	tus				

SI

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #385051 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation due 11/21/2017

Dispersion Total Production Producti	28b. Prod	uction - Interv	al C										
Chole Size Trag Press Cag BBL MCF BBL MCF BBL MCF BBL MCF BBL MCF BBL DBL MCF BBL Corr AFI Gravity Date First Trend Date Trend Production BBL MCF BBL Corr AFI Gravity Date Trend Date Trend Production BBL MCF BBL Corr AFI Gravity Date Trend Date Trend Production BBL MCF BBL Corr AFI Gravity Date Trend Date Trend Production BBL MCF BBL Corr AFI Gravity Date Trend Date Date Date Date Date Date Date Date	Date First Test Hours										Production Method		
Size Five Press	Produced	Date	Tested Production BBL N			MCF	BBL	Corr. API		Gravity			
St.										Well Status			
Time	3120		11005.		DDL	WICI	DDL	Rado					
Date Trend Production BBL MCF BBL Corr. APT Oravity	28c. Prod	uction - Interva	al D								,		
Size Pive											Production Method		
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 To Meass. Formation Top BELL CANYON 7507 8473 8778 AVALON 8778 AVALON 8778 AVALON 8778 AVALON 878 BONE SPRING 1ST 9498 10035 BONE SPRING 2ND 10083 10990 32. Additional remarks (include plugging procedure): Directional survey attached. Log will be mailed to BLM Carlsbad office. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set reqd.) 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): Electronical Submission 388661 Verified by the BLM Well Information System. For LEGACY RESERVES OPERATING LP, sent to the Hobby Committee to AFMSS for processing by DEBORAH HAM on 09/08/2017 (17DMH01945E) Title SR ENGINEERING ADVISOR		Flwg.							Well Status				
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 To Meas. BELL CANYON 7507 8473 8478 AVALON 8778 AVALON 8778 AVALON 8778 BONE SPRING 1ST BONE SPRING 1ST BONE SPRING 1ST BONE SPRING 2ND 10035 10693 10990 32. Additional remarks (include plugging procedure): Directional survey attached. Log will be mailed to BLM Carlsbad office. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set reqd.) 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 #38961 Verified by the RLM Well Information System. For LEGACY RESERVES OPERATING LP, sent to the Hobbs: Committed to AFMSS for processing by DEBORAH HAM on #9/68/2017 (1700He)945E) Title SR ENGINEERING ADVISOR			Sold, used	for fuel, vent	ed, etc.)								
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 To, Meas. BELL CANYON 7507 8473 8778 BRUSHY CANYON 8473 8778 BRUSHY CANYON 8473 8778 BONE SPRING 1ST 9498 10035 80NE SPRING 1ST 9400 10035 80NE SPRING 2ND 10035 80NE SPRING 2ND 10035 80NE SPRING 2ND 10035 80NE SPRING 3RD 10030 10090 80NE SPRING 3RD 10090 80NE S			Zones (In	nclude Aquife	rs):					31. For	mation (Log) Markers		
Formation Top Bottom Descriptions, Contents, etc. Name Meas. BELL CANYON 7607 8473 BRUSHY CANYON 8473 8478 BONE SPRING 1ST 9498 BONE SPRING 1ST 9498 BONE SPRING 1ST 9498 BONE SPRING 2ND 10035 10693 BONE SPRING 3RD 10093 10990 32. Additional remarks (include plugging procedure): Directional survey attached. Log will be mailed to BLM Carlsbad office. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey St. 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 #385051 Verified by the BLM Well Information System. For LEGACY RESERVES OPERATING LP, sent to the Hobbs Committed to AFMSS for processing by DEBORAH HAM on 090/95/2017 (170HMe1)94SE) Name (please print) D. PATRICK DARDEN, PE Title SR ENGINEERING ADVISOR	tests,	including dept									,		
BRUSHY CANYON 8473 8778 8778 8798 8498 BONE SPRING 1ST 9498 BONE SPRING 2ND 10035 BONE SPRING 2ND 10090 32. Additional remarks (include plugging procedure): Directional survey attached. Log will be mailed to BLM Carlsbad office. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 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 #385051 Verified by the BLM Well Information System. For LEGACY RESERVES OPERATING LP, sent to the Hobbs Committed to AFMSS for processing by DEBORAH HAM on 99/65/2017 (17) TIMH0194SE) Name (please print) D. PATRICK DARDEN, PE Title SR ENGINEERING ADVISOR		Formation		Тор	Bottom		Descriptio	ns, Contents,	, etc.		Name	Top Meas. Depth	
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Directional survey attached. Log will be mailed to BLM Carlsbad office. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 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 #385051 Verified by the BLM Well Information System. For LEGACY RESERVES OPERATING LP, sent to the Hobbs Committed to AFMSS for processing by DEBORAH HAM on 09/05/2017 (17DMH0194SE) Name (please print) D. PATRICK DARDEN, PE Title SR ENGINEERING ADVISOR							×						
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Electronic Submission #385051 Verified by the BLM Well Information System. For LEGACY RESERVES OPERATING LP, sent to the Hobbs Committed to AFMSS for processing by DEBORAH HAM on 09/05/2017 (17DMH0194SE) Name (please print) D. PATRICK DARDEN, PE Title SR ENGINEERING ADVISOR	5. Su	andry Notice fo	r plugging	g and cement	verification		6. Core Ana	alysis		7 Other:			
	34. I here	by certify that	the forego	Elect	ronic Subm For LEG	ission #38 ACY RES	35051 Verified SERVES OPE	d by the BLM	M Well In P, sent to	nformation Sy o the Hobbs	ystem.	ons):	
Signature (Electronic Submission) Date 08/17/2017	Name	e(please print)	D. PATE	RICK DARDI	EN, PE			Tit	le SR EN	NGINEERING	ADVISOR		
TELOGISTIC CONTINUOUS DATE OF THE CONTINUOUS	Signa	iture	(Electron	nic Submiss	ion)		Dar	Date 08/17/2017					
							e "						

Revisions to Operator-Submitted EC Data for Well Completion #385051

Operator Submitted

Lease:

NMNM02127B

Agreement:

Operator:

LEGACY RESERVES OPERATING LP

303 W. WALL ST STE 1800 MIDLAND, TX 79701

Ph: 432-689-5200

Admin Contact:

D. PATRICK DARDEN, PE SR. ENGINEERING ADVISOR E-Mail: pdarden@legacylp.com

Ph: 432-689-5200 Ext: 5237

Tech Contact:

D. PATRICK DARDEN, PE SR. ENGINEERING ADVISOR E-Mail: pdarden@legacylp.com

Ph: 432-689-5200 Ext: 5237

Well Name: Number:

LEA UNIT 45H

Location:

State:

NM County: LEA COUNTY

S/T/R: Surf Loc: Sec 1 T20S R34E Mer SWSW 630FSL 710FWL

Field/Pool:

LEA; BONE SPRINGS

Logs Run:

GR-CCL

Producing Intervals - Formations: BONE SPRING

Porous Zones:

BELL CANYON BRUSHY CANYON

AVALON

1ST BONE SPRING 2ND BONE SPRING 3RD BONE SPRING

Markers:

BELL CANYON AVALON 1ST BONE SPRING 2ND BONE SPRING 3RD BONE SPRING **BLM Revised (AFMSS)**

NMNM02127B

891006455A (NMNM70976B)

LEGACY RESERVES OPERATING LP

303 W WALL SUITE 1600 MIDLAND, TX 79702 Ph: 432-682-2516

D. PATRICK DARDEN, PE SR ENGINEERING ADVISOR E-Mail: pdarden@legacylp.com

Ph: 432-689-5200 Ext: 5237

D. PATRICK DARDEN, PE SR ENGINEERING ADVISOR E-Mail: pdarden@legacylp.com

Ph: 432-689-5200 Ext: 5237

LEA UNIT

45H

NM

Sec 1 T20S R34E Mer NMP SWSW 630FSL 710FWL

LEA

GR-CCL

BONE SPRING

BELL CANYON BRUSHY CANYON

AVALON

BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD

BELL CANYON AVALON

BONE SPRING 1ST BONE SPRING 2ND **BONE SPRING 3RD**