

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-32419
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name COYOTE STATE
4. Well Location Unit Letter <u>F</u> : <u>2310</u> feet from the <u>NORTH</u> line and <u>1650</u> feet from the <u>WEST</u> line Section <u>36</u> Township <u>17S</u> Range <u>31E</u> NMPM County <u>EDDY</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3826' GL		9. OGRID Number 240974
		10. Pool name or Wildcat MALJAMAR; GB-SA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ADD PERFS FROM PRIOR OPERATOR ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Filing Delinquent Paperwork. Mack Energy Corporation, a prior operator, added perforations, acidized & frac'd well in May 2005.

5/10/05- MIRU. POOH w/ pump, rods & 133 joints 2 7/8" tubing.

5/11/05- Perforated 3796.5-3965', 24 perfs, 2 SPF, 120 degree phasing 0.45" hole. Acidized with 2000 gals 15% Acid.

5/12/05- ND BOP, NU 5M frac valve & goat head, ready for frac.

5/13/05- Frac'd well. Operator & Schumberger Reports attached.

Entered - KMS NMOCD

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE COMPLIANCE COORDINATOR DATE 05/28/2020

Type or print name MELANIE REYES E-mail address: mreyes@legacyreserves.com PHONE: 432-689-5200

For State Use Only

APPROVED BY: Accepted for record – NMOCD DATE gc 5/28/2020

Conditions of Approval (if any):

MACK ENERGY CORPORATION

COYOTE STATE #1

Sec 36 T17S R31E 2310 FNL 1650 FWL

WELL REPORT

- 12/12/2002 Pump 100 bbls 10# brine down csg. @ 4 bpm @ 450#. Well flowing back. Strip on BOP. RIH w/2 7/8" J-55 prod. tbg. w/BIW rubber on top of tbg. Well flowing out csg. RIH to 4200' & circ. hole w/prod. water. Laid down 2 jts. land SN @ 4140' w/133 jts. TA @ 3832' w/123 jts. Start in hole w/2 1/2x2x24' Double PAP trash pump w/back off
- 12/13/2002 Cont. in hole w/ 105 7/8" used type 97 wcn rods & 58 used type 97 wcn 1" rods. 2'x7/8" pony & 4'-6'x1" ponies.
- 05/10/2005 MIRU unit 80, POH w/ pump, rods and 133jts 2 7/8" tubing standing up. SDFD.
- 05/11/2005 Rig up Schlumberger RIH on depth w/open hole perforate 3796.5-3965' 24-perfs 2SPF 120deg phasing 0.45" hole, rig wireline down, RIH with 5 1/2" RBP and PPI PKR set RBP test-OK spot acid out and PPI all holes all open. Set PKR pump 2000gals 15% Acid Avg Rate 6 BPM, Avg press 2400PSI, balled off twice to 4800PSI, ISIP 1550PSI, 5m-1333PSI, 10m-893PSI, 15m-663PSI. flow back and swab, made 5 swab runs dried up. SDFD.
- 05/12/2005 AM pull swab run tag fluid 3700', pulled 400' of fluid off SN w/ 35% Oil cut, Unset PKR, POH standing up. ND BOP, NU 5M Frac valve and goat head, ready well for HYBIRD FRAC 5/13/05.

STIMULATION TREATMENT REPORT



Date 11-MAY-05 District Artesia F.Receipt 421410022 Customer Mack Energy
 Lease COYOTE STATE-1 Well Name COYOTE STATE-1
 Field UNKNOWN Location 36-17-31
 County Eddy State New Mexico Stage No 1 Well API - API 30015324190000

WELL DATA		Well Type: OLD		Well Class: OIL		Depth TD/PB: 4021		Formation: SAN ANDRES	
Geometry Type	Tubular Type	OD	Weight	ID	Grade	Top	Bottom	Perf Intervals	
TUBULAR	TBG	2.875	6.5	2.441	J-55	0	3739	Top	Bottom
TUBULAR	CSG	5.5	17	4.892	J-55	3739	4021	SPF	Diameter
								3796	3965
								2	.41

Packer Type Halliburton Packer Depth 3739 FT

TREATMENT DATA				LIQUID PUMPED AND CAPACITIES IN BBLS.	
Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)	
TREATMENT FLUID	15% HCL	2.000	NO PROPPANT	1	Tubing Cap. 21.6
TREATMENT FLUID	FRESH WATER	1.134			Casing Cap. 5.2
Total Prop Qty:				1	Annular Cap. 56.8
					Open Hole Cap. 0
					Fluid to Load 0
					Pad Volume 0
					Treating Fluid 48
					Flush 27
					Overflush 0
					Fluid to Recover 90

Previous Treatment N/A Previous Production N/A
 Hole Loaded With UNKNOWN Treat Via: Tubing ☒ Casing ☐ Anul. ☐ Tubing & Anul. ☐
 Ball Sealers: 144 In 14 Stages Type 7/8 in. 1.3 sp gr. R
 Auxiliary Materials CI-27,FE-280L,NE-940,CLAYMASTER 5C

PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLS. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
09:20	0	0	0	0	0	ARRIVE ON LOCATION.
10:19	0	0	0	0	0	SAFETY MEETING.
10:42	273	0	0	79	2.5	CIRCULATE HOLE.
11:20	0	0	0	20	2.5	TEST RBP.NO TEST.
12:10	0	310	0	50	1.8	LOAD ANNULUS.
12:38	3000	0	0	0	0	TEST RBP.
12:49	332	0	0	10	2.4	PUMP H2O.
12:57	332	0	0	16	2	PUMP VALVE.
13:05	1017	0	0	2	2	OPEN TOOL.
13:06	1064	0	0	0	2	START SPOT ACID.
13:11	1030	0	0	10	2	START FLUSH.
13:20	0	0	0	0	0	START PPI.
14:12	0	0	0	0	0	END PPI.
14:55	6000	0	0	0	0	TEST LINES.
15:00	0	0	0	0	3	START ACID.
15:01	2127	0	0	2.4	4	START BALLS.
15:05	2094	0	0	22.9	6	ACID ON.
15:05	2081	0	0	25.3	6	BALLS ON.
15:06	2680	0	0	31	6	ACTION.
15:07	3530	0	0	36	6	ACTION.
15:07	3224	0	0	38	6	START FLUSH.
15:08	5000	0	0	42	6	BALL OUT.
15:09	2181	0	0	0	6	RESUME.
15:11	5000	0	0	52	6	BALL OUT.
15:13	2330	0	0	0	6	RESUME.
15:16	5000	0	0	59	6	BALL OUT.
15:16	2341	0	0	0	6	RESUME.
15:17	1550	0	0	64	0	SHUT DOWN.
00:00	0	0	0	0	0	JOB COMPLETE.
00:00	0	0	0	0	0	THANK YOU CODY & CREW!!!!!!!!!!!!

FIELD RECEIPT NO. 421410022

BJ Services Company



CUSTOMER (COMPANY NAME) Mack Energy				CREDIT APPROVAL NO. JOB LIMIT		PURCHASE ORDER NO.		CUSTOMER NUMBER 20054751 - 20054751		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER P.O. Box 960				CITY Artesia		STATE New Mexico		ZIP CODE 88211-0960			
INVOICE TO :											
DATE WORK COMPLETED	MO. 05	DAY 11	YEAR 2005	WELL API NO: 30015324190000		WELL TYPE : Old Well					
BJ SERVICES DISTRICT Artesia				JOB DEPTH (ft) 3,739		WELL CLASS : Oil					
WELL NAME AND NUMBER CANYON STATE-1				TD WELL DEPTH (ft) 4,021		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 36-17-31		COUNTY/PARISH Eddy		STATE New Mexico		JOB TYPE CODE : Acid Matrix			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT		
100071	Ball Sealers, 7/8 in, 1.3 sg, (RCN)			ea	144	4.210	606.24	47%	321.31		
100472	NE-940			gals	4	69.950	279.80	47%	148.29		
398004	HCl, 10.1 - 15%			gals	2000	2.450	4,900.00	47%	2,597.00		
488220	Cl-27			gals	2	86.750	173.50	47%	91.96		
488298	Ferrotrol-280L			gals	12	151.000	1,812.00	47%	960.36		
499808	Clay Master-5C			gals	2	120.250	240.50	47%	127.47		
SUB-TOTAL FOR Product Material							8,012.04	47.00%	4,246.39		
J344	2 in Frac Valve			job	1	329.000	329.00	47%	174.37		
J390	Mileage, Heavy Vehicle			miles	120	5.150	618.00	47%	327.54		
91	Mileage, Auto, Pick-Up or Treating Van			miles	60	3.120	187.20	47%	99.22		
J501	Manual Ball Injector			use	1	249.500	249.50	47%	132.24		
SUB-TOTAL FOR Equipment							1,383.70	47.00%	733.37		
J340	Bulk Delivery, Trans., Over 3000 gals			hrs	4	116.250	465.00	47%	246.45		
SUB-TOTAL FOR Freight/Delivery Charges							465.00	47%	246.45		
SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.							
CUSTOMER REP. LEE LIVINGSTON				CUSTOMER AUTHORIZED AGENT ☒				CUSTOMER AUTHORIZED AGENT ☒			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				BJ SERVICES APPROVED ☒			

BJ Services Company

[illegible]

STIMULATION TREATMENT REPORT



Date 13-MAY-05 District Artesia F.Receipt 421410030 Customer Mack Energy
 Lease COYOTE STATE 1 Well Name COYOTE STATE 1
 Field UNKNOWN Location 36-17-31
 County Eddy State New Mexico Stage No 1 Well API - API 30015324190000

WELL DATA		Well Type:	Well Class:		Depth TD/PB:		Formation:	
Geometry Type	Tubular Type	OD	Weight	ID	Grade	Top	Bottom	Perf Intervals
TUBULAR	CSG	5.5	17	4.892	J-55	0	4300	Top Bottom SPF Diameter
							3797	3965 2 .41

Packer Type None Packer Depth 0 FT

TREATMENT DATA				LIQUID PUMPED AND CAPACITIES IN BBLs.	
Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)	
TREATMENT FLUID	9.5# Brine Sand Laden	30.769	Sand, Brown, 16/30	75,340	Tubing Cap. <u>0</u>
TREATMENT FLUID	40# Linear Gel Sand Lader	53.012	Super LC, 16/30	15,740	Casing Cap. <u>91.9</u>
TREATMENT FLUID	40# Linear Flush	3.612			Annular Cap. <u>0</u>
PAD	9.5# Brine	6.501	Total Prop Qty:	91,080	Open Hole Cap. <u>0</u>
93,894					Fluid to Load <u>46</u>
					Pad Volume <u>143</u>
					Treating Fluid <u>2286</u>
					Flush <u>86</u>
					Overflush <u>-2</u>
					Fluid to Recover <u>2186</u>

Previous Treatment N/A Previous Production N/A
 Hole Loaded With Unknown Treat Via: Tubing ☐ Casing ☐ Anul. ☒ Tubing & Anul. ☐
 Ball Sealers: 0 In 0 Stages Type _____
 Auxiliary Materials ACIGEL, NE-940, XCIDE 207, XLFC-5, CLAYMASTER5C, ENZYME G-I, INFLO-150, GBW-5, SUPERSET-O, TH-756, CLAYTREAT3C

PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
16:45	0	0	0	0	0	Arrive On Location.
18:00	0	0	0	0	0	Safety Meeting.
18:15	6000	0	0	0	0	Test Lines.
18:22	0	0	0	0	20	Start TH-756 Scale Inhibitor.
18:22	2590	0	0	12	30	Start Pad.
18:25	2620	0	163	175	80	Start 1/4# Brown Sand.
18:26	2892	0	80	255	80	Start .15# Lite Prop Sand.
18:27	2841	0	95	350	80	Start .20# Sand.
18:29	2827	0	124	474	80	Start .25# Sand.
18:31	2760	0	144	618	80	Start .30# Sand.
18:33	3820	0	173	791	80	Start .35# Sand.
18:35	2899	0	201	992	80	Start 1/2# Brown Sand.
18:37	3079	0	123	1115	80	Start 1.0# Sand.
18:39	3047	0	149	1264	86	Start 1 1/2# sand.
18:41	3040	0	180	1444	86	Start 2.0# Sand.
18:43	3040	0	206	1650	86	Start 2 1/2# Sand.
18:46	3039	0	241	1891	86	Start 3.0# Sand.
18:47	3046	0	137	2028	86	Start Super LC Sand.
18:49	3091	0	175	2203	86	Start Flush.
18:51	1631	0	83	2286	0	Shut Down.
00:00	0	0	0	0	0	Job Complete.
00:00	0	0	0	0	0	Thank You Cody & Crew!!!!!!!!!!!!!!

Treating Pressure		Injection Rates		Shut In Pressures		Customer Rep.	
Minimum	2590	Treating Fluid	81	ISDP	1631	BJ Rep.	Charles Folmar
Maximum	3820	Flush	81	5 Min.	1614	Job Number	421410030
Average	3150	Average	81	10 Min.	1560	Rec. ID No.	
Operators Max. Pressure 5500				15 Min.	1485	Distribution	
				Final	1485 In 15 Min.		
				Flush Dens. lb./gal.	8.34		



BJ Services Company

CUSTOMER (COMPANY NAME)				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER			
Mack Energy				JOB LIMIT				20054751 - 20054751					
STREET OR BOX NUMBER				CITY		STATE		ZIP CODE					
P.O. Box 960				Artesia		New Mexico		88211-0960					
DATE WORK COMPLETED		MO.	DAY	YEAR	WELL API NO:		WELL TYPE :						
05 13 2005		Charles Folmar		30015324190000		Old Well							
BJ SERVICES DISTRICT				JOB DEPTH (ft)		WELL CLASS :							
Artesia				3,797		Oil							
WELL NAME AND NUMBER				TD WELL DEPTH (ft)		GAS USED ON JOB :							
COYOTE STATE 1				4,300		No Gas							
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :					
36-17-31		Eddy		New Mexico		Fracture 0 - 9,999 PSI							
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT				
100010	Sand, Brown, 16/30			cwt	753	14.850	11,182.05	62%	4,249.18				
100175	GBW-5			lbs	100	11.800	1,180.00	62%	448.40				
100472	NE-940			gals	115	69.950	8,044.25	62%	3,056.82				
100486	Xcide-207			lbs	18	69.250	1,246.50	62%	473.67				
398074	Enzyme G-I			gals	70	147.500	10,325.00	62%	3,923.50				
398350	XLFC-5			gals	699	70.000	48,930.00	62%	18,593.40				
411046	Techni-Hib 756			gals	165	27.700	4,570.50	62%	1,736.79				
488040	Inflo 150			gals	60	55.750	3,345.00	62%	1,271.10				
488137	Claytreat 3C			gals	31	89.250	2,766.75	62%	1,051.37				
499520	Acigel			gals	41	91.500	3,751.50	62%	1,425.57				
499740	Superset-O, 5 gal can			gals	25	87.500	2,187.50	62%	831.25				
499808	Clay Master-5C			gals	59	120.250	7,094.75	62%	2,696.01				
499870	Super LC, 16/30			lbs	15740	0.700	11,018.00	62%	4,186.84				
499918	LiteProp 125, 14/30			lbs	8000	3.050	24,400.00	62%	9,272.00				
SUB-TOTAL FOR Product Material							140,041.80	62.00%	53,215.90				
ARRIVE LOCATION :				MO.	DAY	YEAR	TIME	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
05 13 2005				16:45					☒ CUSTOMER AUTHORIZED AGENT				☒
CUSTOMER REP. Lee Livingston													
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				BJ SERVICES APPROVED				☒	



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Report Printed on: May 13, 2005 7:17 P