	UNITED STATES PARTMENT OF THE IN UREAU OF LAND MANAG			OMI Expire	RM APPROVED B NO. 1004-0137 s: January 31, 2018	
SUNDRY	NOTICES AND REPO		5. I	ease Serial No	7	
Do not use thi	is form for proposals to a II. Use form 3160-3 (APD)	for such property in the	d Offic	Allott	ee or Tribe Name	
SUBMIT IN TRIPLICATE - Other instructions of the state				7. If Unit or CA/Agreement, Name and/or No 891006455X		
1. Type of Well Soli Well Gas Well Other		AUG 06 2018		8. Well Name and No. LEA UNIT 41H		
		HERRY MORROW	9. A	9. API Well No. 30-025-44733-00-X1		
		3b. Phone No. (include area code) Ph: 432-221-6339		10. Field and Pool or Exploratory Area LEA		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				11. County or Parish, State		
Sec 24 T20S R34E NESW 2270FSL 1580FWL 32.557598 N Lat, 103.517197 W Lon			LEA COUNT		Y, NM	
12. CHECK THE AF	PPROPRIATE BOX(ES) T	O INDICATE NATURE O	F NOTICE, REP	ORT, OR C	OTHER DATA	
TYPE OF SUBMISSION		TYPE OF	ACTION	N		
□ Notice of Intent	Acidize	Deepen	Production (S	Start/Resume	) 🔲 Water Shut-Of	
Subsequent Report	Alter Casing	Hydraulic Fracturing			U Well Integrity	
	Casing Repair	□ New Construction			Other Drilling Operation	
Final Abandonment Notice	Change Plans	□ Plug and Abandon	Temporarily			
13. Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fin Please find attached the Drillin	ally or recomplete horizontally, g rk will be performed or provide th operations. If the operation resu- pandonment Notices must be filed inal inspection.	ive subsurface locations and measu he Bond No. on file with BLM/BIA lts in a multiple completion or reco	red and true vertical Required subseque mpletion in a new in	ed work and ap depths of all pe ent reports mus iterval, a Form	ertinent markers and zones at be filed within 30 days 3160-4 must be filed once	
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## Subsequent Report

\*Other

## **Drilling Operations**

10-May-2018: Spud well @ 09:00 hours. Drilled 17-1/2" hole to 1,764' MD (TD).

11-May-2018: Ran 42 joints of 13-3/8", 54.5#, J-55, BTC casing set @ 1,764'. Pumped lead cement: 1,300 sx of Class C, 13.50 ppg, 1.72 yield, followed by tail cement: 200 sx Class C Neat, 14.80 ppg, 1.32 yield. Circulated 574 sx / 176 bbls of cement to surface.

12-May-2018: WOC 12 hours. Installed Cameron 13-5/8" x 3K wellhead and test to 500 psi (good). Installed 13-5/8" x 5K mud cross, double-ram preventer and annular preventer, rotating head bowl and flow nipple. Test BOP, top-drive, floor valves and mud lines to 250 psi low / 3000 psi high. Tested annular preventer to 250 psi low / 1500 psi high, and tested 13-3/8" surface casing to 1500 psi (all good).

14-May-2018: Drilled 12-1/4" intermediate hole to a TD of 5,595'.

15-May-2018: Ran 55 joints of 9-5/8" 47#, HCL-80, BTC casing and 79 joints of 9-5/8" 40#, J-55, BTC casing set @ 5,590'. Top DVT w/ ECP @ 1845'. Pumped first stage lead cement: 1700 sx of 35:65 Poz/Class C, 12.60 ppg, 1.94 yield followed by first stage tail cement: 350 sx of Class H, 15.6 ppg, 1.18 yield. Circulated 127 sx / 44 bbls of cement to surface. WOC 13 hours.

16-May-2018: Installed B Section and tested to 2000 PSI. Installed 13-5/8" x 5K Double Ram Preventer and 5K annular. Tested BOPE, choke manifold and all valves to 250 psi low / 5000 psi high. Tested annular preventer to 250 psi low / 2500 psi high. Tested 9-5/8" casing to 1500 psi (all test good).

29-May-2018: TD 8-1/2" production hole @ 17,214' MD / 9,570' TVD.

31-May-2018: Ran 399 joints of 5-1/2" 20#, HCP-110, GBCD casing set @ 17,203' MD. Pumped first stage lead cement: 1300 sx P/H 50:50, 11.9 ppg, 2.47 yield followed by tail cement: 1600 sx PVL, 12.6 ppg, 1.62 yield. Circulated 638 sx / 281 bbls of cement to surface. Set 5-1/2" casing slips and install 7-1/16" x 10k tubing spool, and test to 5000 psi (good).

01-June-2018: Rig release @ 00:00 hours. End of drilling operations, preparing well and location for completion operations.

Matt Dickson Drilling Engineer (432) 689-5204 mdickson@legacylp.com