District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD
JAN 14 2014
RECEIVED

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
MANZANO, LLC PO X 2107 ROSWELL, NM 88202	231429
	3. API Number 30-025-22762

4. Property Code	5. Property Name	6. Well No.
40330	McCrory	1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	1	14S	37E		2361	NORTH	330	WEST	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name	Pool Code
KING, WOLFCAMP	36100

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
E	O	R	P	3837
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	9600	WOLFCAMP	UDI	01/20/14

Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water
>100'	< ½ MILE	1+ MILES

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17 ½	13 3/8	48.0	368	400	SURFACE
INTERM	11	8 5/8	24.0 & 32.0	4665	500	SURFACE
PROD	7 7/8	5 ½	17	9600	500	4000

Casing/Cement Program: Additional Comments

SEE ATTACHED EXISTING WELLBORE DIAGRAM & PROPOSED RE-ENTRY PROCEDURE

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular/Pipe/Rams	5000	3000	Shaffer

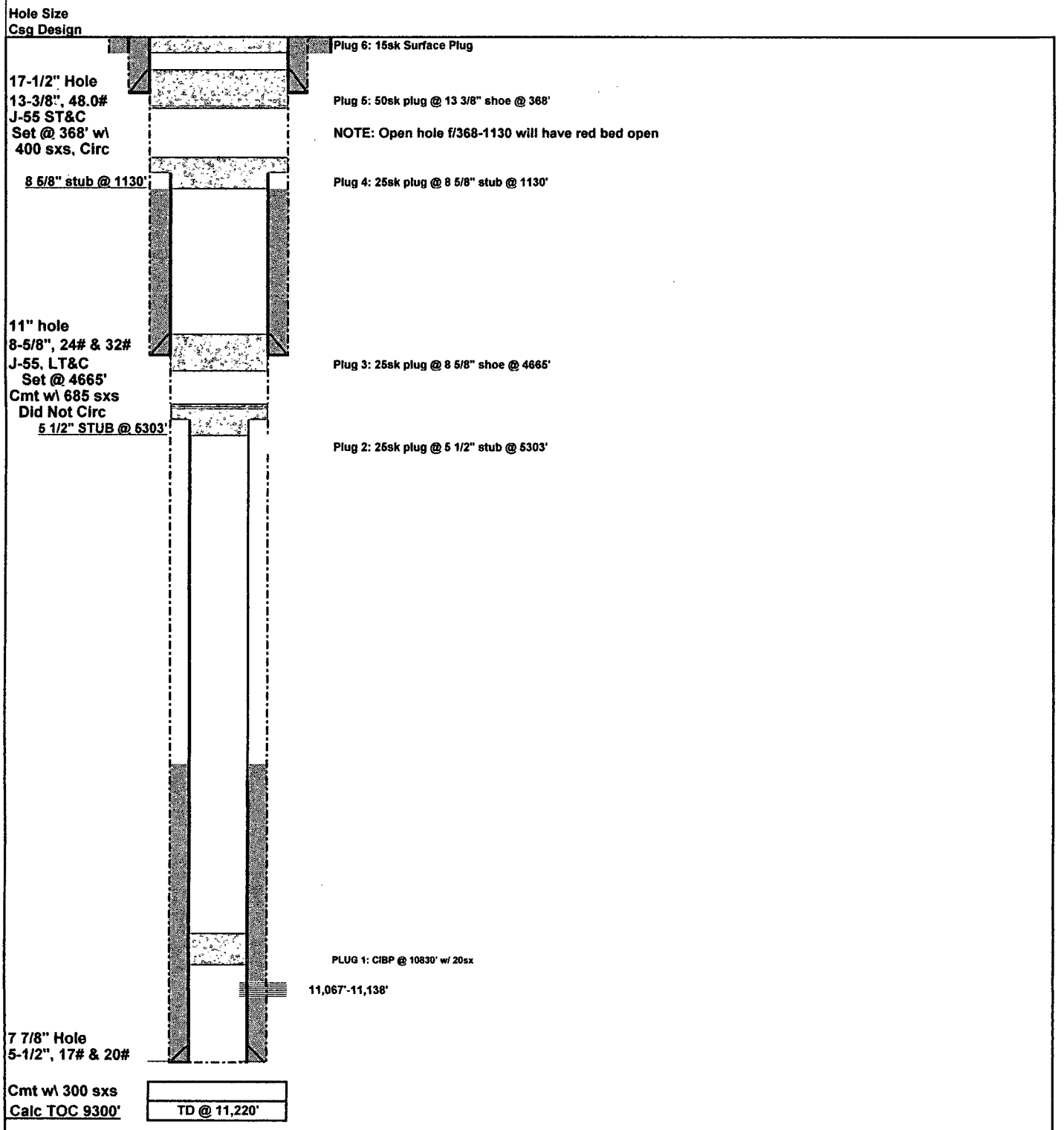
23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.** Signature:	OIL CONSERVATION DIVISION
Printed name: MIKE HANAGAN	Approved By: Title: Petroleum Engineer
Title: MANAGING MEMBER	Approved Date: 01/22/14 Expiration Date: 01/22/16
E-mail Address: mike@manzanoenergy.com	
Date: 01/13/14 Phone: 575-623-1996	Conditions of Approval Attached

JAN 22 2014

ATTACHMENT TO FORM 1-101 DATED 01/13/14

LEASE:	McCrory	WELL NO.:	1	30 - 025-22762	
FIELD:	King, South	COUNTY:	Lea	New Mexico	
LOCATION:	2361 FNL 330 FWL	LEGAL:	Sec 1 T14S R37E	3838' GL	
SPUD DATE:	9/21/1968	DRAWN BY:	MGH	P & A 9/14/70	
CONTRACTOR:	Cactus Drilling	DATE:	11/23/2013		

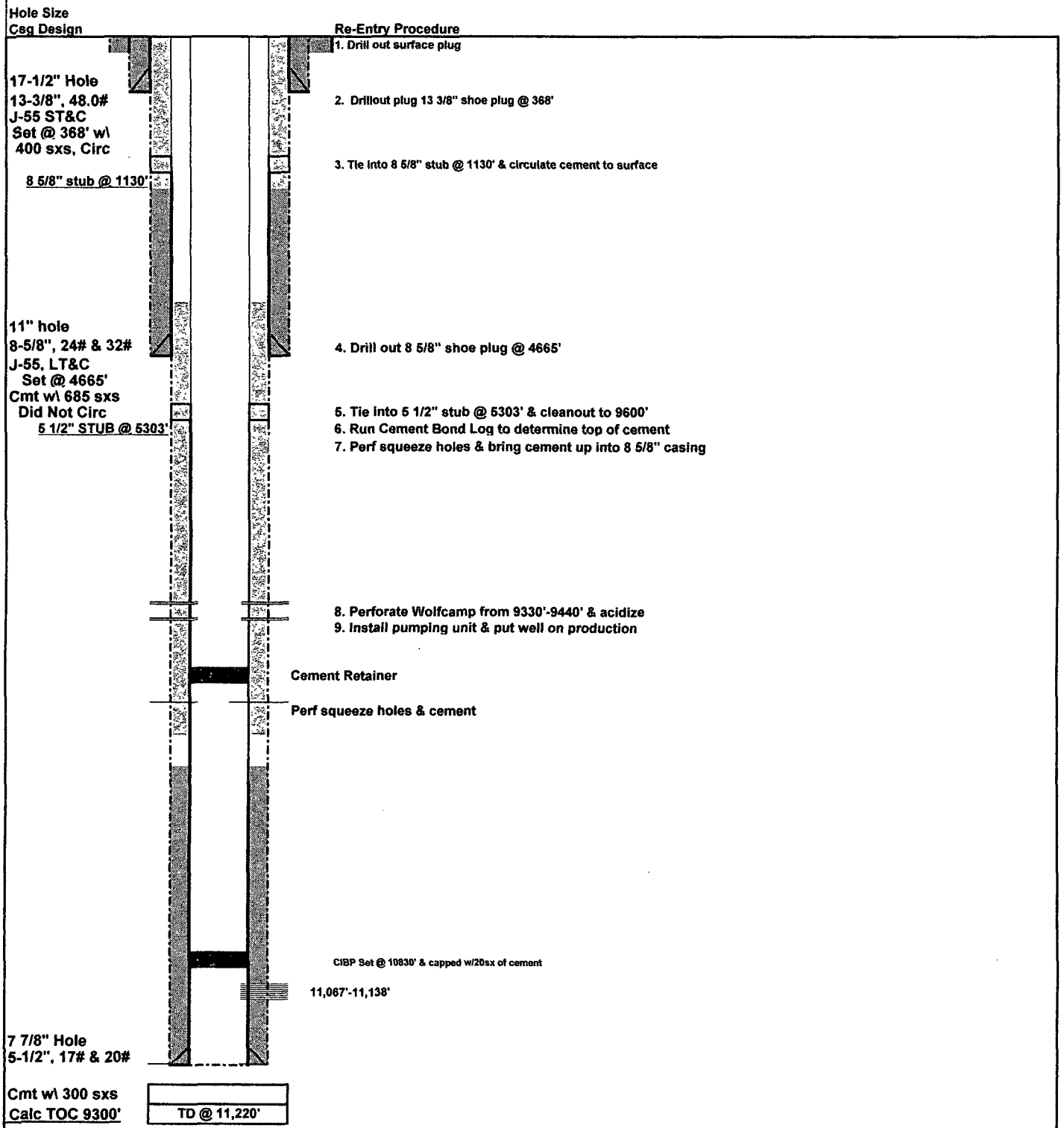
Current McCrory #1 Wellbore



ATTACHMENT TO FORM C-101 DATED 01/13/14

LEASE:	McCrory	WELL NO.:	1		30 - 025-22762
FIELD:	King, South	COUNTY:	Lea		New Mexico
LOCATION:	2361 FNL 330 FWL	LEGAL:	Sec 1 T14S R37E		3838' GL

Post Re-Entry Wellbore



KEM 1/13/2014