

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 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

Form C-101
August 1, 2011
Permit 169230

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

1. Operator Name and Address OXY USA INC PO Box 4294 Houston, TX 77210		2. OGRID Number 16696
		3. API Number 30-015-41488
4. Property Code 304841	5. Property Name HARROUN 9	6. Well No. 003H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	9	24S	29E	P	200	S	550	E	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	9	24S	29E	M	350	S	350	W	Eddy

9. Pool Information

PIERCE CROSSING; BONE SPRING, EAST	96473
------------------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 2933
16. Multiple N	17. Proposed Depth 13349	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 8/31/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	550	500	0
Int1	10.625	8.625	32	3000	930	0
Prod	7.875	5.5	17	13349	1460	2000

Casing/Cement Program: Additional Comments

Additional Information will be sent with the C-144 CLEZ & H2S Plan.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	10000	10000	
Annular	5000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ , if applicable. Signature: _____ Printed Name: Electronically filed by KAREN M SINARD Title: _____ Email Address: karen_sinard@oxy.com Date: 6/26/2013 Phone: 713-366-5485	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 6/27/2013 Expiration Date: 6/27/2015
---	---

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Well Name
30-015-	46473	Petee Crossing Bow Springs, East
Property Code	Property Name	Well Number
301841	HARROUN 9	3H
Operator Name	Elevation	
OXY USA INC.	2933.2'	

Surface Location			
UL or lot no.	Section	Range	Lot 1/4
P	24 SOUTH	29 EAST, N.M.P.M.	200'
		North/South line	East/West line
		SOUTH	EAST
		550'	EDDY

Bottom Hole Location If Different From Surface			
UL or lot no.	Section	Range	Lot 1/4
M	24 SOUTH	29 EAST, N.M.P.M.	350'
		North/South line	East/West line
		SOUTH	WEST
		350'	EDDY

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the information was obtained from reliable sources and that the information was obtained from reliable sources and that the information was obtained from reliable sources.	
Signature: David Stewart Sr. Res. Mgr. Date: 6/26/13 Email: d_stewart@ohm.com	
SURVEYOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the information was obtained from reliable sources and that the information was obtained from reliable sources.	
Signature: David Stewart Sr. Res. Mgr. Date: 6/26/13 Email: d_stewart@ohm.com	
SURVEYOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the information was obtained from reliable sources and that the information was obtained from reliable sources.	
Signature: David Stewart Sr. Res. Mgr. Date: 6/26/13 Email: d_stewart@ohm.com	

Permit Comments

Operator: OXY USA INC , 16696

Well: HARROUN 9 #003H

API: 30-015-41488

Created By	Comment	Comment Date
STEWARTD	Penetration Point (Top Producing Interval) - 398 FSL 594 FEL Sec 9 T24S R29E - Lat:32.2258546 Long:103.9823601. This well is proposed to be completed in the 2nd Bone Spring. The Harroun 9 #1, 30-015-34897 is completed in the 1st Bone Spring.	6/26/2013
STEWARTD	Mud- 0-550' Fresh Water/Spud Mud - 550-3000' Fresh Water/NaCl Brine - 3000-7950' Cut Brine/Sweeps - 7950-TD Duo Wis/Salt Gel/Starch/PAC BOP-13-5/8" 10M three ram stack w/ 5M annular preventer, 5M choke manifold	6/26/2013