<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Form C-101 Permit 107034

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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

HESS CO	Name and Address DRPORATION	2. OGRID Number 495		
	. BOX 840 DLE , TX 79360	3. API Number 30-021-20510		
4. Property Code 133	5. Property Name MITCHELL	6. Well No. 231		

7. Surface Location

3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	G	23	18N	29E	G	2310	N	2150	E	HARDING

8. Pool Information

WEST BRAVO DOME CO2 GAS	96387
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Additional Well Information

9. Work Type 10. Wett New Well CO			11. Cable/Rotary		12. Lesse Type Private	13. Ground Level Elevation 5361	
14. Multiple N	15. Prop	osed Depth		16. Formation Tubb		17. Contractor	18. Spud Date 4/9/2010
Depth to Ground	water		Dia	stance from nearest	fresh water wei	11	Distance to nearest surface water
Pit: Liner: Synthetic Closed Loop System	n 🗙	mils thick	Clay	Pit Volume:		rilling Method: resh Water Brine	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1750	850	0
Prod	7.875	4.5	12.75	2976	500	0

Casing/Cement Program: Additional Comments

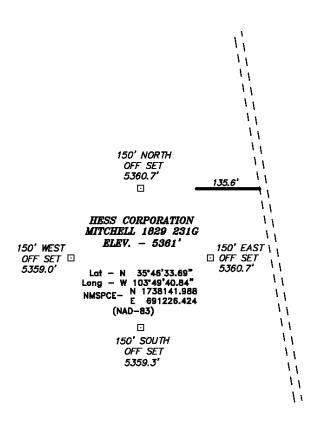
TOC is estimated at Surface

Proposed Blowout Prevention Program

0	Troposed Blowdat Tre	Troposcu Biomout Trevention Trogram				
Туре	Working Pressure	Test Pressure	Manufacturer			
DoubleRam	2000	2000	SHAFFER	\neg		

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to	OIL CONSERVATION DIVISION			
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Ed Martin			
Printed Name: Electronically filed by Rita Smith	Title: District Supervisor			
Title: Engineering Tech	Approved Date: 1/13/2010 Ex	piration Date: 1/13/2012		
Email Address: rsmith@hess.com	2	(III		
Date: 12/18/2009 Phone: 432-758-6726	NI N			

SECTION 23, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M., HARDING COUNTY, NEW MEXICO.





HESS CORPORATION

REF: MITCHELL 1829 231G / WELL PAD TOPO

THE MITCHELL 1829 231G LOCATED 2310'

FROM THE NORTH LINE AND 2150' FROM THE EAST LINE OF SECTION 23, TOWNSHIP 18 NORTH, RANGE 29 EAST,

N.M.P.M., HARDING COUNTY, NEW MEXICO.

Survey Date: 11-01-2009 Sheet 1 of 1 Sheets

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 21837 Drawn By: J. SMALL

Date: 11-09-2009 Disk: JN

Disk: JMS 21837