

State of New Mexico
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

1. Operator Name and Address HESS CORPORATION P.O. BOX 840 SEMINOLE, TX 79360		2. OGRID Number 495
		3. API Number 30-021-20506
4. Property Code 16752	5. Property Name WEST BRAVO DOME UNIT	6. Well No. 221

7. Surface Location

UL - Lot J	Section 22	Township 19N	Range 29E	Lot Idn J	Feet From 1980	N/S Line S	Feet From 1650	E/W Line E	County HARDING
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8. Pool Information

WEST BRAVO DOME CO2 GAS	96387
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Additional Well Information

9. Work Type New Well	10. Well Type CO2	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4601
14. Multiple N	15. Proposed Depth	16. Formation Granite Wash	17. Contractor	18. Spud Date 3/19/2010
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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	750	400	0
Prod	7.875	4.5	12.75	2200	350	0

Casing/Cement Program: Additional Comments

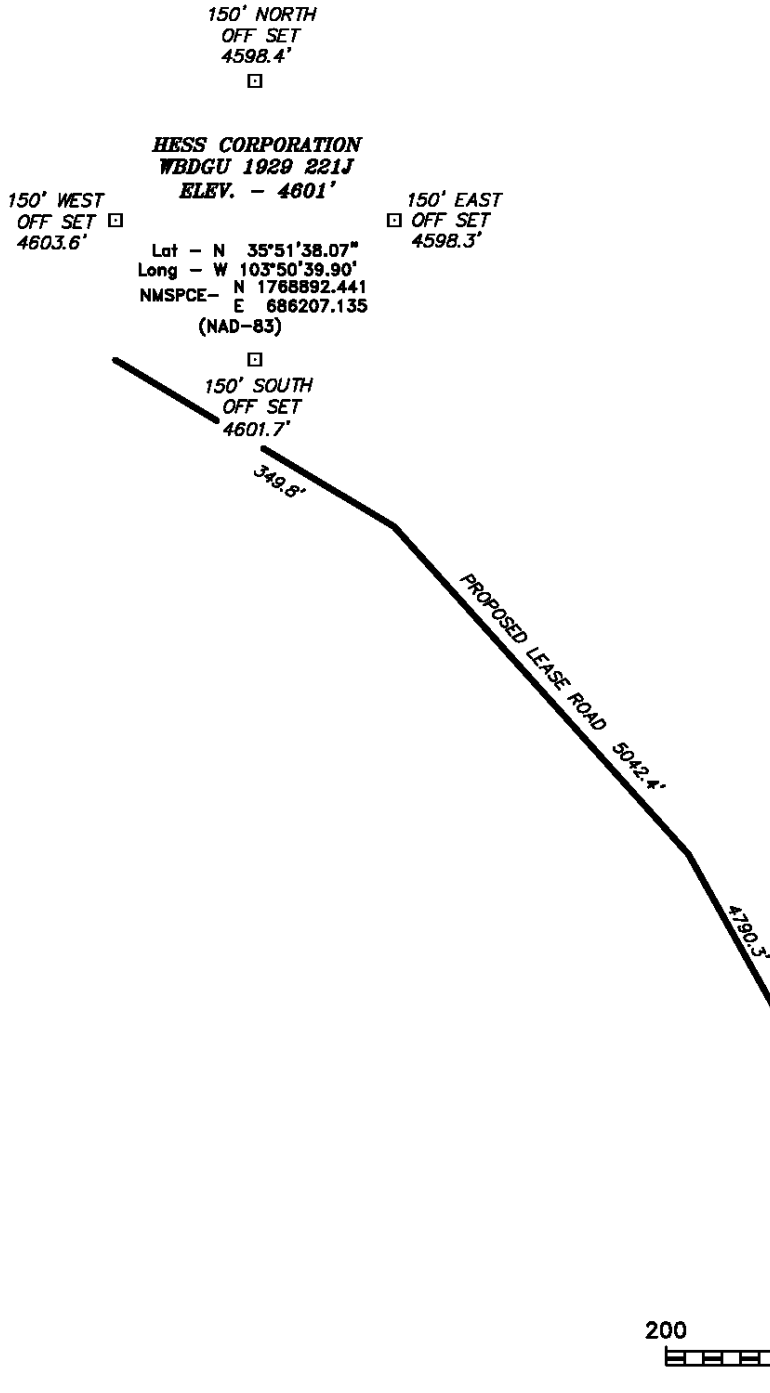
TOC IS AT surface

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	SHAFFER

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 NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Ed Martin	
	Title: District Supervisor	
	Approved Date: 1/13/2010	Expiration Date: 1/13/2012
	Printed Name: Electronically filed by Rita Smith Title: Engineering Tech Email Address: rsmith@hess.com Date: 12/18/2009 Phone: 432-758-6726	

SECTION 22, TOWNSHIP 18 NORTH, RANGE 29 EAST, N.M.P.M.,
HARDING COUNTY, NEW MEXICO.



HESS CORPORATION

REF: WBDGU 1929 221J / WELL PAD TOPO

THE WBDGU 1929 221J LOCATED 1980'

FROM THE SOUTH LINE AND 1650' FROM THE EAST LINE OF
SECTION 22, TOWNSHIP 19 NORTH, RANGE 29 EAST,
N.M.P.M., HARDING COUNTY, NEW MEXICO.

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

W.O. Number: 21841

Drawn By: J. SMALL

Date: 11-09-2009

Disk: JMS 21841

Survey Date: 11-01-2009

Sheet 1 of 1 Sheets