

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 30-021-20515
4. Property Code 133	5. Property Name MITCHELL	6. Well No. 281

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	28	19N	29E	F	2310	N	2310	W	HARDING

8. Pool Information

WEST BRAVO DOME CO2 GAS	96387
-------------------------	-------

Additional Well Information

9. Work Type New Well	10. Well Type CO2	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 5428
14. Multiple N	15. Proposed Depth 2992	16. Formation Granite Wash	17. Contractor	18. Spud Date 5/26/2010
Depth to Ground water 100		Distance from nearest fresh water well 1000		Distance to nearest surface water 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" 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	1750	550	0
Prod	7.875	5.5	15.5	2992	360	0

Casing/Cement Program: Additional Comments

15.5# steel csg

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 checked="" type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Ed Martin	
	Title: District Supervisor	
	Approved Date: 4/22/2010	Expiration Date: 4/22/2012
	Email Address: rsmith@hess.com	
Date: 4/20/2010	Phone: 432-758-6726	

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505Submit one copy to appropriate
District Office☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96387	Pool Name West Bravo Dome CO2 Gas
Property Code 133	Property Name MITCHELL 1929	Well Number 281F
OGRID No. 495	Operator Name HESS CORPORATION	Elevation 5428'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	28	19 N	29 E	F	2310	NORTH	2310	WEST	HARDING

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 640	Joint or Infill	Consolidation Code Communit	Order No.						

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

	Lat - N35°50'55.41" Long - W103°51'58.67" (NAD-83)	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Rita C. Smith Digitally signed by Rita C. Smith DN: cn=Rita C. Smith, o=Hess Corp, ou=Engineering, email=rcsmith@hess.com, c=US Date: 2010.04.16 16:20:41 -05'
	Signature Rita C Smith Printed Name	SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> MAY 15, 2007 Date Surveyed Signature & Seal of Professional Surveyor W.O. Jones 1826 Certificate No. Gary L. Jones 7977 BASIN SURVEYS