

Dispute #1
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 475-3470 Fax:(505) 475-3462

Form C-101
Permit 95233

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 30-021-20443
4. Property Code 133	5. Property Name MITCHELL	6. Well No. 092F	

7. Surface Location

UL - Lot F	Section 9	Township 18N	Range 30E	Lot/Idn F	Est From 1920	N/S Line N	Est From 1970	E/W Line W	County HARDING
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8. Pool Information

WEST BRAVO DOME CO2 GAS	96387
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Additional Well Information

9. Well Type Water Well deepen	10. Well Type CO2	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 4345
14. Multiple N	15. Proposed Depth 1800	16. Formation Yeto Formation	17. Contractor	18. Spnd Date 9/1/2008
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic ☐ mair: thick ☐ Clay: ☐ Pit Volume: bbls Drilling Method: Closed Loop System ☒ Fresh Water ☒ Brine ☐ Diesel Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

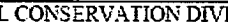
Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	3.625	24	1100	470	0
Int1	7.875	5.5	15.5	1592	130	0
Int1	6	4	11.34	1540	75	0
Prod	4.75	Open Hole		1800		

Casing/Cement Program: Additional Comments

Injection interval for Open Hole 1592' to 1800' PU 4 3/4" milltooth (possibly button instead) bit, 420' of 3.5" drill collars (14- 30' collars), tbg and TIH to 1440' (make sure rig crew has proper lift and makeup equipment for collars) Rig up reverse unit and swivel and establish circulation. Drill out cement to 1592'. Drill open hole from 1592' to 1800'. (If milltooth bit doesn't drill through Yeso, TOH & change to button bit) TOH with BHA and TIH with tailpipe, packer and tbg. Ser packer at 1540' with tail pipe down to 1790' (run packer without on/off tool to allow swabbing through packer). Swab back to test Yeso IDS.

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: ☒ a general permit; ☐ or an (attached) alternative OCD-approved plan ☐	OIL CONSERVATION DIVISION 
Printed Name: Rita C Smith 	Approved By: 
Title: Engineering Technician	Title: DISTRICT SUPERVISOR
Email Address: rsmith@hess.com	Approved Date: 6/5/09
Date: 06/02/2009	Expired Date: 6/5/11
Phone: 432-758-6726	