

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (April 2004) for such proposals.

5. Lease Serial No.

NMNM-27898

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

West Bravo Dome Unit 1829 #0310

9. API Well No.

30-021-20412

10. Field and Pool, or Exploratory Area

West Bravo Dome CO2 Gas (96387)

11. County or Parish, State

Harding NM

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☐☐ Gas Well ☐☒ Other

CO2 supply

2. Name of Operator

Hess Corporation

3a. Address

P.O. Box 840 Seminole TX 79360

3b. Phone No. (include area code)

432-758-6726

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1200' FSL &amp; 1800' FEL Sec 3 Township: 18N Range: 29E

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

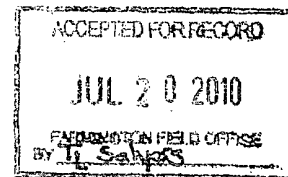
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Spud Well 5/29/2010

Attach copy of NMOCD C103 drilling and cement

Attach copy of NMOCD C103 Perforations

Attach copy of NMOCD C104 Allowable and transport

Attach copy of NMOCD C105 Well completion drilling and cement  
Well Profile14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Rita C Smith

Title Engineering Tech

Signature

Rita C. Smith

Date

6/25/2010

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

OPERATOR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 06 2010

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
FARMINGTON FIELD OFFICELease Serial No.  
NMNM-27898

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other CO2 supply		6. If Indian, Allottee or Tribe Name	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv. . Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator Hess Corporation		8. Lease Name and Well No. West Bravo Dome Unit 1829 #0310	
3. Address P.O. Box 840 Seminole TX 79360		9. AFI Well No. 30-021-20412	
3a. Phone No. (include area code) 432-758-6726		10. Field and Pool, or Exploratory (96387) West Bravo Dome CO2 Gas	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1200' FSL & 1800' FEL, SEC 3, Township 18N, Range 29E At top prod. interval reported below 1200' FSL & 1800' FEL, SEC 3, Township 18N, Range 29E At total depth 1200' FSL & 1800' FEL, SEC 3, Township 18N, Range 29E		11. Sec., T., R., M., on Block and Survey or Area 3, 1200 S, 1800 E, 18N, 29E 12. County or Parish Harding 13. State NM	
14. Date Spudded 05/29/2010	15. Date T.D. Reached 06/02/2010	16. Date Completed 06/23/2010 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	17. Elevations (DF, RKB, RT, GL)* 5384' GR
18. Total Depth: MD 3045 TVD	19. Plug Back T.D.: MD 3027 TVD	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL, cem bond		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	8.62/J55	24	0	1855	1875	600		0	0
12.25	8.62/J55	24	0	1855	1875	200		0	0
12.25	8.62/J55	24	0	1855	1875	275		0	0
7.875	4.5/IJ	4.4	0	2809	3045	135		0	0
7.875	4.5/J55	12.75	2809	3027	3045	365		0	0

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)			2840-2846	3.475	4SPF	120deg phase
B)			2864-2890	2.875	6SPF	60deg phase
C)			2908-2926	2.875	6SPF	60deg phase
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material

## 28. Production - Interval A

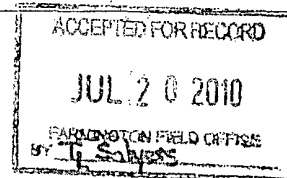
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/23/2010	06/24/2010	24	→	0.00	2079	0.00	0.00	0	flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2.00	132	0.00	→	0.00	2079	0.00	0.00	producing	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

OPERATOR



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Precambrian	2387	2416			
Granite Wash	2416	2456			
Lower Tubb	2456	2567			
Tubb	2567	2583			
Cimarron Anhydrite	2583	3050			

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Rita C Smith

Title Engineer Tech

Signature Rita C. Smith

Date 06/30/2010

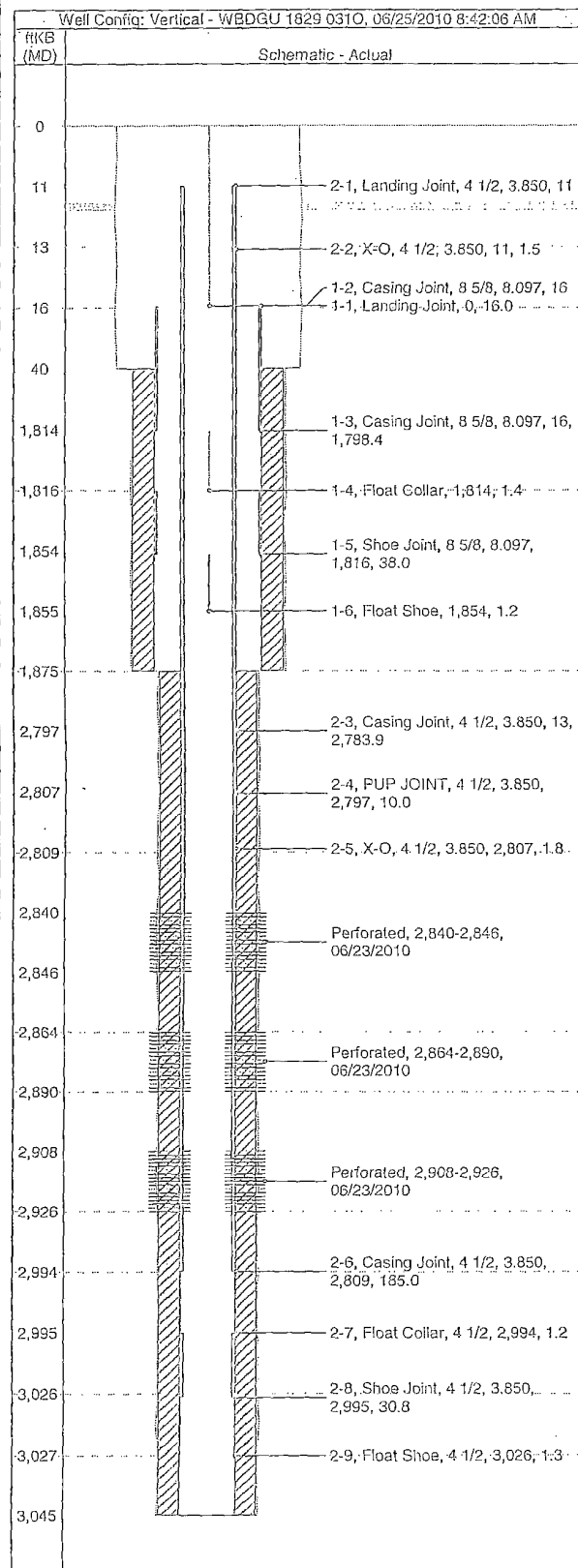
Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# HES CORPORATION

## Production Well Profile

WBDGU 1829 0310 (Federal BLM)

Original KB: 12.00



Casing Strings					
Casing Description	String OD (in)	String Wt (lbs/ft)	String Grade	String Top Thrd	Set Depth (ftKB)
SURF	8 5/8	24.00	J-55	ST&C	1,855.0
PRC	4 1/2	4.40	IJ	8RD	3,027.0

Perforations			
Date	Top (ftKB)	Blm (ftKB)	Zone
06/23/2010	2,840.0	2,846.0	
06/23/2010	2,864.0	2,890.0	
06/23/2010	2,908.0	2,926.0	

Tubing Description		Run Date	String Length (ft)		Set Depth (ftKB)		
Item Description	Jts	Make	Model	OD (in)	Wt (lbs/ft)	Grade	Len (ft)

Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)		
Item Description	No. of Joints	Mfg	Model	OD (in)	Len (ft)		