

RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 10 2012

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS Field Office
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM19714

6. If Indian, Allottee or Tribe Name
311

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Hess Corporation

3a. Address
PO Box 840
Seminole TX 79360

3b. Phone No. (include area code)
432-758-6726

7. If Unit of CA/Agreement, Name and/or No.
8910195880

8. Well Name and No.
West Bravo Dome Unit 1929 341G

9. API Well No.
30-021-20414

10. Field and Pool or Exploratory Area
West Bravo Dome CO2 Unit

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
34, 19N 29E, 2420 FNL 1650 FEL

11. Country or Parish, State
Harding NM

12. CHECK THE 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 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 type="checkbox"/> Other <u>Drilling summary</u>
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Drilling Summary See attached Production Operations summary forms

RCVD OCT 3 '12
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Rita C Smith

Title Sr. Regulatory Specialist

Signature

Date 08/31/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

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)

NMOCD

FARMINGTON FIELD OFFICE

OCT 01 2012



HESS CORPORATION



PERMIAN BUSINESS UNIT

Production Operations Summary - Ascending WBDGU 1929 341G

API/UWI 3002120414	Surface Legal Location	License #	Field Name Bravo Dome West	State New Mexico
Well Configuration Type Vertical	Original KB Elevation (ft) 4,653.00	KB-Ground Distance (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

AFE Number WBRVDW11DR001.D.3	Total AFE Amount (Cost) 392,049.00	Supplemental AFE Number	Total AFE Supplemental Amount (Cost)	Total AFE + Supp Amount (Cost) 392,049.00
---------------------------------	---------------------------------------	-------------------------	--------------------------------------	--

Operations Report

REPORT DATE: 04/21/2012

Daily Field Est Total (Cost)	130,082.00	Cum Field Est To Date (Cost)	130,082.00	Head Count	41	Personnel OT Hours (hr)
Job Contact Gus Gustafson	Title DSM	Phone Mobile 575.621.0839				
Job Contact Kevin Green	Title DSM	Phone Mobile 432.788.1228				
Job Contact Scott P. Buetow	Title Rig Clerk	Phone Mobile				
Job Contact Larry Frazer	Title EHS	Phone Mobile 832.477.4851				

Start Time	Dur (hr)	Description
07:30	8.50	MOB 80% if Trinidad 216 t/ 1929 341G. NOTE: Shut down the rig move due to hydraulic issues with an outrigger which cannot be retracted to move the carrier unit. NOTE: Earlier this morning had problems in starting the engine on the carrier to lower the derrick. That problem was resolved around noon. NOTE: Went to raise the driller's side outrigger, it would not go up. A hydraulic mechanic will not get here until late this evening and will not get it changed out, until mid-morning tomorrow. Presently all components are spotted on the new location except the carrier, base and Hydraulic Pipe Arm. Rig move and rig up will continue in the morning after the outrigger is repaired or changed out.
16:00	8.00	Rig watch. Wait on Hydraulic Mechanic.

REPORT DATE: 04/22/2012

Daily Field Est Total (Cost)	15,645.39	Cum Field Est To Date (Cost)	145,727.39	Head Count	31	Personnel OT Hours (hr)
Job Contact Gus Gustafson	Title DSM	Phone Mobile 575.621.0839				
Job Contact Kevin Green	Title DSM	Phone Mobile 432.788.1228				
Job Contact Scott P. Buetow	Title Rig Clerk	Phone Mobile				
Job Contact Larry Frazer	Title EHS	Phone Mobile 832.477.4851				

Start Time	Dur (hr)	Description
00:00	7.00	Wait on Mechanic. Rig Watch.
07:00	2.00	PJSM. Repair Hydraulic Arm. MOB Carrier, Base & Hydraulic Arm f/ 1930-322J t/ 1929 341G
09:00	6.00	R/u Trinidad 216 on the 1929-341G. Raise derrick & r/u rig floor. Mix mud & fill water tanks.
15:00	0.50	Perform Trinidad safety inspection.
15:30	3.50	P/u 12 1/4" BHA. Spud in @ 1530 hrs on 04/22/2012. Drill 12 1/4" hole f/ 40' t/ 481' (3.5 hrs) 441', ROP = 126 fph, WOB = 10-12K, ROT = 120, SPM = 65, PP = 380, GPM = 350, Torq = 7-8k,
19:00	0.50	Survey @ 481' = .25°
19:30	4.00	Drill 12 1/4" hole f/ 481' t/ 770' (4 hrs) 289', ROP = 72 fph, WOB = 15K, ROT = 120, SPM = 65, PP = 380, GPM = 415, Torq = 7-8k,
23:30	0.50	Circ & cond.

REPORT DATE: 04/23/2012

Daily Field Est Total (Cost)	86,168.29	Cum Field Est To Date (Cost)	231,895.68	Head Count	32	Personnel OT Hours (hr)
Job Contact Gus Gustafson	Title DSM	Phone Mobile 575.621.0839				
Job Contact Kevin Green	Title DSM	Phone Mobile 432.788.1228				
Job Contact Scott P. Buetow	Title Rig Clerk	Phone Mobile				
Job Contact Larry Frazer	Title EHS	Phone Mobile 832.477.4851				



HESS CORPORATION



PERMIAN BUSINESS UNIT

Production Operations Summary - Ascending WBDGU 1929 341G

API/UWI 3002120414	Surface Legal Location	License #	Field Name Bravo Dome West	State New Mexico
Well Configuration Type Vertical	Original KB Elevation (ft) 4,653.00	KB-Ground Distance (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

Start Time	Dur (hr)	Description
00:00	1.00	Drop survey. POOH & L/d drill string.
01:00	0.50	R/u Eckel csg tools.
01:30	0.50	PJSM. M/u Shoe Track & flow check same.
02:00	1.50	P/u & run 18 jts 8 5/8" 24# J-55 STC csg t/ 760'.
03:30	0.50	R/d Eckel csg tool & r/u cmt head.
04:00	0.50	PJSM w/ Halliburton, DSM, Tool pusher & drill crew. Circ w/ rig pump.
04:30	9.00	Halliburton cement unit broke down. Circ @ 3 bpm & reciprocate pipe every 10-15 minutes for 2 minutes. Secondary Halliburton cement unit en-route f/ Brownfield, Tx. ETA = 11- 1200 hrs.
13:30	1.00	Test lines t/ 1560 psi. Mix & pump Lead 215 sks of Premium Plus Cmt, 4% Bentonite, 2% CaCl ₂ , 1.74 Yield, 9.18 gal/sk @ 13.5 ppg - 66.5 bbls Cmt. Mix & pump Tail 200 Sks Premium Plus Cmt, 2% CaCl ₂ @ 14.8 ppg. 1.35 Yield, 6.37 gal/sk - 48 bbls Cmt. Drop plug & wash lines. Displace w/ 45.5 bbls fresh water. Circulated 45.5 bbls 146 Sks t/ pits. Bump plug. Floats held. Got back 0.5 bbls.
14:30	4.00	R/d cmt equip. WOC.
18:30	5.50	Back out landing jt. N/u BOPE.

REPORT DATE: 04/24/2012

Daily Field Est Total (Cost)	22,771.98	Cum Field Est To Date (Cost)	254,667.66	Head Count	32	Personnel OT Hours (hr)
Job Contact Gus Gustafson	Title DSM	Phone Mobile 575.621.0839				
Job Contact Kevin Green	Title DSM	Phone Mobile 432.788.1228				
Job Contact Pat Patterson	Title DSM	Phone Mobile 432.788.1228				
Job Contact Scott P. Buetow	Title Rig Clerk	Phone Mobile				
Job Contact Larry Frazer	Title EHS	Phone Mobile 832.477.4851				

Start Time	Dur (hr)	Description
00:00	2.00	Cont N/u BOPE.
02:00	1.00	PJSM w/ BLM inspector, Mann Welding tester, DSM, Hess safety rep, Toolpusher & rig crew .
03:00	2.00	R/U Tester. Perform low pressure test of choke manifold valve, leaked pressing up. No test. Repair/change out valve in choke manifold.
05:00	2.00	BLM advised they would not allow flex pressure hose to choke manifold. Removed and started fabricating 2" steel line to choke manifold while resume testing of BOPS.
07:00	6.00	PJSM. Ran cup tester in hole. Test pipe rams to 250 psi for low pressure test held for 5 min okay. Pressure up to do high test / pressure started leaking off at 1200 psi. Pulled cup tester and checked rubber okay. Re-test w/ same results leaking at 1200 psi. C/o cup tester with new rubber. Re-test, could not get past 1200 psi w/o leaking. Pulled cup tester and appeared to be okay.
13:00	0.50	Run ten jts of DP into the hole to test casing, pipe rams and annular BOP.
13:30	1.00	Attempt t/ high pressure test on pipe rams/casing and leaking at 1200 psi. Start annular high pressure test and leaking at 1200 psi. Bled pressure off annular then open-close-open-close annular. The rubber element on annular blew w/o any test pressure. (Note the close pressure on annular was 1600 psi well within normal operating range.) Toolpusher ordered out another 3M annular preventer from Trinidad yard. Proceeded to re-test the pipe rams on high pressure test. With 800 psi the pressure dropped. Discovered the head was leaking in the threads between the screw on head & casing.
14:30	2.00	Removed two valves from the mud cross and turned head 1 full turn. Reinstalled choke & kill lines.
16:30	0.50	Attempted to re-test still observing a leak between head and casing threads with 800 psi. Pulled & LD 10 jts of DP.
17:00	2.00	PJSM & proceed to N/d BOP. Once BOP removed, backed out wellhead and determined bad threads at top and middle of casing thread looking up. Discussed options with office. (Replacement annular arrived and found out a 5M psi annular was sent in error.) N/d BOP & removed Annular f/ stack. Install new valves on choke manifold. Waiting on welder. Re-install Wellhead.
19:00	5.00	PJSM. Hot work Permit. Weld on Wellhead both internal & external. New Annular ETA = 0200 hrs.

REPORT DATE: 04/25/2012

Daily Field Est Total (Cost)	30,783.08	Cum Field Est To Date (Cost)	285,450.74	Head Count	32	Personnel OT Hours (hr)
Job Contact Gus Gustafson	Title DSM	Phone Mobile 575.621.0839				
Job Contact Pat Patterson	Title DSM	Phone Mobile 432.788.1228				
Job Contact Scott P. Buetow	Title Rig Clerk	Phone Mobile				



HESS CORPORATION



PERMIAN BUSINESS UNIT

Production Operations Summary - Ascending WBDGU 1929 341G

API/UWI 3002120414	Surface Legal Location	License #	Field Name Bravo Dome West	State New Mexico
Well Configuration Type Vertical	Original KB Elevation (ft) 4,653.00	KB-Ground Distance (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

Job Contact Larry Frazer	Title EHS	Phone Mobile 832.477.4851
Job Contact Kevin Green	Title DSM	Phone Mobile 432.788.1228

Start Time	Dur (hr)	Description
00:00	1.00	Weld on Wellhead both internal & external. New Annular ETA = 0200 hrs.
01:00	1.50	Wait on wellhead t/ cool down. Cont clean up BOP f/ Annular
02:30	1.50	Annular arrived @ 0230 hrs. Put annular on BOP.
04:00	1.00	Set BOP on track & roll into place.
05:00	2.00	N/u BOP.
07:00	3.00	PJSM. M/u cup tester. RIH w/ 1 jt of DP. Attempt t/ test Annular. Adjust Koomey. Hydraulic leak, tighten Annular cap nuts. Attempt t/ test Cups, failed.
10:00	0.50	Remove cut tester. RIH w/ 10 jts od DP.
10:30	3.50	Test csg, annular, pipe rams, choke & kill lines t/ 250 psi low / 1500 psi high, as per BLM 30 minutes, ok.
14:00	0.50	POOH 10 jts DP.
14:30	2.50	N/u choke manifold f/ BOP. Modify & re-route line f/ BOP t/ choke manifold, due t/ clearance issues w/ pipe handler (Boom).
17:00	1.50	Test choke manifold, lines & blind rams t/ 250 psi low / 1500 psi high f/ 30 minutes, each as per BLM, ok.
18:30	3.50	Attempt t/ test 2 TIW valves. Both failed. Remove, clean & attempt t/ test. Both failed. Ordered TIW valve w/ certification test chart. ETA 0500. hrs. Test stand pipe t/ 250 psi low f/ 5 minutes, ok. Test t/ 1500 psi high f/ 10 minutes, ok.
22:00	2.00	Finish R/u top flange t/ annular.

REPORT DATE: 04/26/2012

Daily Field Est Total (Cost) 23,755.59	Cum Field Est To Date (Cost) 309,206.33	Head Count 28	Personnel OT Hours (hr)
Job Contact Gus Gustafson	Title DSM	Phone Mobile 575.621.0839	
Job Contact Pat Patterson	Title DSM	Phone Mobile 432.788.1228	
Job Contact Scott P. Buetow	Title Rig Clerk	Phone Mobile	
Job Contact Larry Frazer	Title EHS	Phone Mobile 832.477.4851	

Start Time	Dur (hr)	Description
00:00	1.00	Install stripping rubber & flow line.
01:00	1.50	P/u New 7 7/8" bit & DC & TIH t/ TOC @ 680'.
02:30	6.50	Wait on TIW valve t/ arrive w/ certification test chart, signed & email before drill drilling operation continue.
09:00	1.50	Drill cmt & shoe track.
10:30	5.50	Drill 7 7/8" hole f/ 770' t/ 1003' (5.5 hrs) 233', ROP = 43.36 fph, WOB = 8-10K, ROT = 75, SPM = 65, PP = 508, GPM = 380, Torq = 6-8k,
16:00	0.50	POOH t/ 770'. Lost circulation @ 1003'.
16:30	1.00	Pump 50 bbls Cedar Fiber pill down hole & circ.
17:30	0.50	TIH. Brk circ.
18:00	2.00	Drill f/ 1003' t/ 1085' (2 hrs), 82', ROP = 41 fph, WOB = 10K, ROT = 80, SPM = 65, PP = 650, GPM = 380, Torq = 7k
20:00	0.50	Ser & Lub rig.
20:30	3.50	Drill f/ 1003' t/ 1256' (3.5 hrs), 253', ROP = 72 fph, WOB = 12-15K, ROT = 85-95, SPM = 65, PP = 850, GPM = 380, Torq = 7-9k

REPORT DATE: 04/27/2012

Daily Field Est Total (Cost) 57,108.52	Cum Field Est To Date (Cost) 366,314.85	Head Count 30	Personnel OT Hours (hr)
Job Contact Gus Gustafson	Title DSM	Phone Mobile 575.621.0839	
Job Contact Pat Patterson	Title DSM	Phone Mobile 432.788.1228	
Job Contact Scott P. Buetow	Title Rig Clerk	Phone Mobile	
Job Contact Larry Frazer	Title EHS	Phone Mobile 832.477.4851	

Start Time	Dur (hr)	Description
00:00	1.50	Drill f/ 1256' t/ 1299' (1.5 hrs), 43', ROP = 29 fph, WOB = 12-15K, ROT = 85-95, SPM = 65, PP = 850, GPM = 380, Torq = 7-9k



HESS CORPORATION



PERMIAN BUSINESS UNIT

Production Operations Summary - Ascending WBDGU 1929 341G

API/UWI 3002120414	Surface Legal Location	License #	Field Name Bravo Dome West	State New Mexico
Well Configuration Type Vertical	Original KB Elevation (ft) 4,653.00	KB-Ground Distance (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

Start Time	Dur (hr)	Description
01:30	0.50	Survey @ 1264' = 2° / Service rig.
02:00	8.50	Drill f/ 1299' t/ 1803' (8.5 hrs), 504', ROP = 59 fph, WOB = 12-K, ROT = 90, SPM = 65, PP = 850, GPM = 380, Torq = 8-9k
10:30	0.50	Survey @ 1761' = 1° / Service rig.
11:00	7.00	Drill f/ 1803' t/ 2209' (7 hrs), 460', ROP = 58 fph, WOB = 12-K, ROT = 90, SPM = 65, PP = 1000, GPM = 380, Torq = 8-9k. SPR = GPM = 126, PP = 132 psi, Displace w/ KCL Polymer while drilling. SPM = 22. Note: While drilling L/d washed out DP.
18:00	2.00	Circ & cond.
20:00	2.00	Drop survey. POOH & L/d drill string. Survey @ 2209 = .75° / Remove stripping rubber.
22:00	2.00	PJSM. R/u logging equip. NOTE: Schlumberger E/L spooled incorrectly. Spool out 2200' on ground & re-spool same.

REPORT DATE: 04/28/2012

Daily Field Est Total (Cost) 134,075.00	Cum Field Est To Date (Cost) 500,389.85	Head Count 41	Personnel OT Hours (hr)
Job Contact Gus Gustafson	Title DSM	Phone Mobile 575.621.0839	
Job Contact Pat Patterson	Title DSM	Phone Mobile 432.788.1228	
Job Contact Scott P. Buetow	Title Rig Clerk	Phone Mobile	
Job Contact Larry Frazer	Title EHS	Phone Mobile 832.477.4851	

Start Time	Dur (hr)	Description
00:00	2.00	P/u Platform Express logging tools. GIH w/ Lith -Density Comp / Neutron / GR / Hi Res / Lat / SP logging-tool & log. Loggers depth = 2214'. R/d loggers.
02:00	0.50	R/u Eckel csg tool.
02:30	0.50	PJSM. P/u & M/u shoe track (Used Baker Lock) Flow check same, ok.
03:00	3.00	Run 54 jts 5 1/2" 15.5# K-55 LT&C casing t/ 2199'.
06:00	1.00	PJSM. Install cmt head & circ 1 1/2 csg capacity.
07:00	0.50	Test lines t/ 2312 psi. Mix & pump 50 Sks Midcon-2 Priemium Plus Cmt, (26 bbls) 11.4 ppg, 2.94 yield, 18.09 gal/sk CaCl2, 0.125 LBM Poly-E-Flake, Mix & pump 350 Sks Corrosacem, 10 LBM Microbond, 1 LBM LAP-1, 0.5% CFR-3, 0.3% Econolite, 6% Bentoninite, 0.25% D-Air, (92 bbls) 13.0 ppg, 1.84 yield, 9.54 gal/sk. Bump plug w/ 1084 psi. Held for 5 min. Bleed back .5 bbls / floats held. Circ 10 bbls 30.5 sks of cement t/ surface.
07:30	0.50	Flush BOP equip & lines. R/d & release Halliburton.
08:00	6.00	N/d, hang BOP, Set slips, Cut off & lay out jt. Jet pits,
14:00	1.00	R/d down. Release rig @ 1400 hrs 04/28/2012. Final Report.