



HESS CORPORATION



PERMIAN BUSINESS UNIT

Production Operations Summary - Ascending WBDGU 1930 322J

API/UWI 3002120542	Surface Legal Location Sec 32, T19N, R30E	License #	Field Name West Bravo Dome Field	State New Mexico
Well Configuration Type Vertical	Original KB Elevation (ft) 4,412.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

AFE Number WBRVDW11DR001.D.8	Total AFE Amount (Cost) 509,523.00	Supplemental AFE Number	Total AFE Supplemental Amount (Cost)	Total AFE + Supp Amount (Cost) 509,523.00
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Operations Report

REPORT DATE: 04/17/2012

Daily Field Est Total (Cost) 126,669.57	Cum Field Est To Date (Cost) 126,669.57	Head Count 38	Personnel OT Hours (hr)
Job Contact Chuck Kennedy	Title DSM	Phone Mobile 575.621.0839	
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 Kenny Horn	Title EHS	Phone Mobile 601.209.1967	

Start Time	Dur (hr)	Com
07:00	3.00	PJSM w/ Trinidad rig movers, Rig Mgr, Rig Crews, Hess DSM, & Hess safety rep. MOB rig f/ 1930 312G.
10:00	4.50	MIRU. Raise derrick & r/u rig floor. Mix mud & fill water tanks.
14:30	0.50	Preform Trinidad rig inspection.
15:00	4.50	P/u 12 1/4" BHA. Spud in @ 1500 hrs on 04/17/2012. Drill 12 1/4" hole f/ 40' t/ 485' (4.5 hrs) 445', ROP = 99 fph, WOB = 10-12K, ROT = 120, SPM = 65, PP = 380, GPM = 380, Torq = 7-8k,
19:30	0.50	Survey @ 485 = 1° / Ser rig.
20:00	3.50	Drill 12 1/4" hole f/ 485' t/ 765' (3.5 hrs) 280', ROP = 80 fph, WOB = 15K, ROT = 120, SPM = 65, PP = 415, GPM = 380, Torq = 5-6k,
23:30	0.50	Circ & cond.

REPORT DATE: 04/18/2012

Daily Field Est Total (Cost) 79,823.14	Cum Field Est To Date (Cost) 206,492.71	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 Frazier	Title EHS	Phone Mobile 832.477.4851	

Start Time	Dur (hr)	Com
00:00	0.50	Cont circ hole clean (2 bottoms up).
00:30	1.00	Drop-survey. POOH & L/d drill string. Survey @ 760' = 1.75°
01:30	1.00	R/u Eckol csg tools.
02:30	0.50	PJSM. M/u Shoe Track & flow check same.
03:00	1.00	P/u & run 18 jts 8 5/8" 24# J-55 STC csg t/ 758'.
04:00	0.50	R/d Eckol csg tool & r/u cmt head.
04:30	0.50	PJSM w/ Halliburton, DSM, Tool pusher & drill crew. Circ w/ rig pump 2 bttm up @ 5 bbls/min
05:00	1.00	Test lines t/ 1447 psi. Mix & pump Lead 215 sks of Premium Plus Cmt, 4% Bentonite, 2% CaCl2, 1.74 Yield, 9.18 gal/sk @ 13.5 ppg - 66.5 bbls Cmt. Mix & pump Tail 200 Sks Premium Plus Cmt, 2% CaCl2 @ 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.
06:00	4.00	R/d cmt equip. WOC. Cmt fell 9'. TOP off w/ 10 skx of Quik Creeks cement.
10:00	8.00	Back out landing jt. N/u BOPE.
18:00	1.00	PJSM. R/u Mann Welding testing equip.
19:00	1.50	PJSM. Attempt t/ test Blind rams & Csg. Tight bolts on BOP. Test Blind rams t/ 250 psi low / 1500 psi high, ok. Test csg t/ 1500 for 30 min, ok.
20:30	1.00	PJSM. P/u jt of drill pipe. M/u test plug & set same.
21:30	2.50	PJSM. Test pipe rams t/ 250 psi low / 1500 psi high. Test Annular t/ 1500 f/ 15 min, ok. Test lines f/ swivel t/ pump t/ 250 psi low / 1500 psi high.



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Well Configuration Type Vertical	Original KB Elevation (ft) 4,412.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

Operations Report

REPORT DATE: 04/19/2012

Daily Field Est Total (Cost)	34,895.57	Cum Field Est To Date (Cost)	241,388.28	Head Count	33	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 Frazier	Title EHS	Phone Mobile 832.477.4851				

Start Time	Dur (hr)	Com
00:00	0.50	Test Kelly Cock #1, #2, (#3 failed) 250 psi low / 1500 psi high.
00:30	0.50	R/d testing equip.
01:00	0.50	Install flow nipple & flowline. Chain down stack.
01:30	1.00	PJSM. P/u 7 7/8" bit & DC' s& GIH w/ same. Tag cmt @ 692'.
02:30	0.50	Install stripping rubber.
03:00	1.00	Drill cmt & shoe track.
04:00	2.50	Drill 7 7/8" hole f/ 765' t/ 1030' (2.5 hrs) 265', ROP = 106, WOB = 10-12K, ROT = 83, SPM = 65, pp = 534 psi, GPM = 380, Torq = 7-8k
06:30	0.50	Mud line dripping. Repair same.
07:00	6.00	Drill 7 7/8" hole f/ 1030' t/ 1301' (6 hrs) 271', ROP = 45.66, WOB = 14K, ROT = 83, SPM = 65, pp = 590 psi, GPM = 380, Torq = 7-8k
13:00	0.50	Survey @ 1269' = .75°
13:30	6.50	Drill 7 7/8" hole f/ 1301' t/ 1645' (6.5 hrs) 344', ROP = 53, WOB = 12-15K, ROT = 75-80, SPM = 65, pp = 600 psi, GPM = 380, Torq = 7-8k
20:00	0.50	Lub rig.
20:30	2.00	Drill 7 7/8" hole f/ 1645' t/ 1802' (2 hrs) 157', ROP = 78.5, WOB = 12-15K, ROT = 75-80, SPM = 65, pp = 630 psi, GPM = 380, Torq = 9-10k
22:30	0.50	Survey @ 1770' = 1°
23:00	0.50	Service rig.
23:30	1.00	Drill 7 7/8" hole f/ 1802' t/ 1870' (.5 hrs) 68', ROP = 136, WOB = 12-15K, ROT = 75-80, SPM = 65, pp = 630 psi, GPM = 380, Torq = 9-10k

REPORT DATE: 04/20/2012

Daily Field Est Total (Cost)	124,315.66	Cum Field Est To Date (Cost)	365,703.94	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 Frazier	Title EHS	Phone Mobile 832.477.4851				

Start Time	Dur (hr)	Com
00:00	6.50	Drill 7 7/8" hole f/ 1870' t/ 2169' (6.5 hrs) 299', ROP = 46, WOB = 17-20K, ROT = 80-90, SPM = 65, PP = 712 psi, GPM = 380, Torq = 8-10k
06:30	1.00	Circ & cond. Circ hole clean.
07:30	2.00	Drop survey. POOH & L/d drill string.
09:30	2.00	Remove stripping rubber. PJSM w/ Schlumberger. R/u logging tools.
11:30	2.00	P/u Platform Express logging tools. GIH w/ Lith -Density Comp / Neutron / GR / Hi Res / Lat / SP logging tool & log. Loggers depth = 2170'. R/d loggers.
13:30	1.00	R/u csg equip.
14:30	0.50	P/u & M/u shoe track (Used Baker Lock) Flow check same, ok.
15:00	1.50	PJSM. P/u & run 53 jts 5 1/2" 15.5# K-55 LT&C casing t/ 2165.5'. L/d ECHO csg tool.
16:30	0.50	PJSM. Install cmt head & circ 1 1/2 csg capacity.



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Well Configuration Type Vertical	Original KB Elevation (ft) 4,412.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Head Distance (ft)

Start Time	Dur. (hr)	Com
17:00	1.00	Test lines t/ 2528 psi. Mix & pump 50 Sks Midcon-2 Premium Plus Cmt, (26 bbls) 11.4 ppg, 2.94 yield, 18.09 gal/sk CaCl ₂ , 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/ 1045 psi. Held for 5 min. Bleed back .5 bbls / floats held. Circ 19 bbls 68 sks of cement t/ surface.
18:00	0.50	Flush BOP equip & lines. R/d & release Halliburton.
18:30	3.50	N/d, hang BOP, Set slips, Cut off & lay out jt.
22:00	2.00	Jet pits, R/d down. Release rig @ 0000 hrs 04/21/2012.

REPORT DATE: 04/21/2012

Daily Field Est Total (Cost) 750.00		Cum Field Est To Date (Cost) 366,453.94		Head Count 36	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 Frazier	Title EHS	Phone Mobile 832.477.4851			

Start Time	Dur. (hr)	Com
00:00	7.50	Cont R/d & prep f/ rig move t/ 1929-341G / General maintenance.
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) 6,532.00		Cum Field Est To Date (Cost) 372,985.94		Head Count 8	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 Frazier	Title EHS	Phone Mobile 832.477.4851			

Start Time	Dur. (hr)	Com
00:00	5.00	Wait on Hydraulic Mechanic. Rig Watch.
05:00	4.00	Repair Hydraulic Arm. MOB Carrier, Base & Htdraulic Arm t/ 1929 341G. Final Report.

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Pason DataHub Deviation Survey 2012/06/11 07:45:46

Well Dossier 1334723827 - WBGU 1930-322J

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#	Date	Depth	Deviation	Direction	TVD	Horiz
	04/17/2012		485.00 1.00	0.00 0.00	0.00	
	04/18/2012		765.00 1.75	0.00 0.00	0.00	
	04/19/2012		1269.00 0.75	0.00 0.00	0.00	
	04/19/2012		1770.00 1.00	0.00 0.00	0.00	

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