

3160-10
(October 2003)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT
INSPECTION RECORD – DRILLING

Case Number	State	Field Office	Field Area	<input type="checkbox"/> Detailed <input type="checkbox"/> Non-Detailed					
Well No./API No.	Location (¼¼ S-T-R)		Spud Date	Status					
Operator/Representative			Rig/Contractor//Representative						
Inspection Type	Activity Code	Inspector	Open Date	Closed Date	Office Time	Travel Time	Inspection Time	Trips	
GENERAL							Inspected	NA	Violation
1. Is approved drilling permit and plan on location?									
2. Is drill site properly identified?									
3. Are operations being conducted in a workmanlike manner? <i>(Detailed list in handbook)</i>									
4. Did Operator report all spills?									
5. Are drill-stem tests conducted as required?									
6. Is hole deviation within approved tolerances?									
SURFACE USE									
7. Is surface use in accordance with approved plan?									
a. Well site lay-out;									
b. Pits, sumps, and other ancillary facilities;									
c. Containment and disposal of solid, liquid, and gaseous wastes;									
d. Failure to implement dust control;									
e. Failure to obtain prior approval for additional surface disturbance.									
BLOWOUT PREVENTER AND ASSOCIATED EQUIPMENT									
8. Is BOP pressure rating and arrangement at least that approved? Rating _____									
9. Are choke lines and manifold, kill lines, and fill lines properly installed and operable?									
10. Are Master controls installed and functional?									
a. Remote control installed and functional?									
b. Hand wheels or autolock? <i>(Circle appropriate item)</i>									
c. Valve installed in closing line of annular preventer?									
11. Is pressure accumulator system adequate to activate BOP? Psi rating _____ Fluid Volume _____									
a. Nitrogen precharge pressure? Date last checked _____									
b. Will reservoir hold two times the usable fluid volume?									
c. Is power available and turned on to the accumulator pumps?									
12. Are ram-type preventers tested to stack working pressure if isolated by test plug or 70 percent of internal yield pressure or casing if BOP Stack is not isolated from casing? _____ psi test pressure									
13. Are annular-type preventers tested to 50 percent of working pressure? _____ psi Date Recorded _____									
14. Are BOPE tests run and recorded in drillers log? _____ psi									
a. When initially installed?									
b. Whenever a seal subject to test pressure is broken?									
c. Following related repairs?									
d. 30-day intervals?									
15. Are BOP drills conducted weekly and recorded in drillers log? Time: _____									
16. Is annular preventer activated weekly and recorded in driller's log?									

BLOWOUT PREVENTER AND ASSOCIATED EQUIPMENT (CONTINUED)		Inspected	NA	Violation
	Date Recorded			
17.	Are pipe rams activated each trip and recorded in driller's log?			
18.	Are blind rams activated each trip?			
19.	Is the slow pump speed recorded each tour?			
20.	Are drill string safety valves and/or inside BOP valves readily available?			
21.	<input type="checkbox"/> Is upper kelly cock installed? <input type="checkbox"/> Is lower kelly cock installed? <input type="checkbox"/> Are appropriate kelly cock wrenches available?			
a.	BOPE shall be installed, used, maintained and tested in a manner necessary to assure well control and shall be in place prior to drilling the surface casing shoe.			
CASING AND CEMENTING				
22.	Was casing and cement in accordance with approved APD (size weight grade depth <input type="checkbox"/> New? <input type="checkbox"/> Used?)			
23.	When setting surface casing, did cement circulate to surface? If not, was remedial action taken?			
a.	Centralizers as required?			
24.	When setting casing was cement job conducted as approved? (Circle applicable type) Surface Intermediate Production Liner			
25.	Were all casing strings pressure tested prior to drill out? _____ psi.			
a.	Was remedial action taken if test indicated need? Action: _____			
b.	Were all pressure tests recorded in drillers log? Date recorded _____			
26.	Were all waiting on cement (WOC) times adequate to achieve a minimum of 500 psi compressive strength at the shoe?			
27.	Are casing shoe pressure integrity tests (mud weight equivalency test) performed and recorded in log book? Date recorded _____ Mud weight _____ Depth _____ Pressure _____			
28.	All indications of usable water reported to the authorized officer?			
29.	Are wiper plugs used as required?			
MUD PROGRAM				
30.	Is mud system in accordance with approved APD?			
31.	Are appropriate quantities of mud on hand?			
32.	Is mud monitoring equipment in accordance with approved APD?			
a.	Electronic/mechanical mud monitoring equipment alarms set and turned on?			
33.	Is gas detection equipment installed and operational as per APD?			
34.	Are acceptable well control practices being followed while tripping?			
35.	Are tourly mud tests (weight & viscosity) recorded in the drillers log?			
36.	Is flare system installed?			
SPECIAL OPERATIONS-AIR/GAS DRILLING				
37.	Is rotating head in operating condition?			
38.	Is the blooie line installed and the pilot light and igniter installed and operating as per APD?			
39.	Is deduster equipment installed?			
40.	Is mud circulation equipment available for rapid use (including mud, reserve pits, and steel tanks)?			
41.	Are engines equipped with spark arresters or water cooled exhaust?			
HYDROGEN SULFIDE OPERATIONS (500' above or 3 days prior to expecting H2S)				
42.	Are the H ₂ S Drilling Operations Plan and Public Protection Plan, if required, available at the well site?			
43.	Are the locations of safe briefing areas as approved, are they designated, and is safe access provided to them?			
44.	Is a secondary means of egress available and passable?			

HYDROGEN SULFIDE OPERATIONS (CONTINUED)	Inspected	NA	Violation
45. Is required safety equipment for essential personnel available and operable?			
a. Portable H ₂ S and SO ₂ detectors?			
b. Self-contained breathing apparatus?			
c. Explosion proof ventilation fans?			
d. Other equipment as approved in drilling operations plan?			
46. Are initial and weekly training and H ₂ S/well control drills held and recorded on the driller's log?			
47. Is permanent H ₂ S detection and monitoring equipment installed, tested, and operable?			
48. Is the wind direction equipment installed and visible?			
49. Are the caution/danger signs legible, visible, and posted a safe distance from the location?			
50. Are the warning flags, flare gun and flares available?			
51. Is the equipment H ₂ S trimmed as required?			
52. Is the remote kill line installed and tested?			
53. Is the flare system designed to safely gather and burn H ₂ S?			
a. Is the flare system equipped with a safe and suitable means of ignition?			
b. Is the flareline mouth at least 150' from wellbore?			
c. If noncombustible gas is to be flared, is supplemental fuel available?			
54. Are the mud-gas separator, degassers, and rotating head installed and operational (exploratory wells only)?			
55. Is the remote controlled choke installed, tested, and operable?			
56. Is the pH of freshwater mud 10.0 or above unless otherwise approved?			
a. Are sufficient quantities of mud additives to scavenge H ₂ S available at the well site (exploratory wells only)?			
OTHER			
57. Other special requirements per approved APD and lease terms.			
58. Description of operations witnessed.			

HIGH PRIORITY INSPECTION REMARKS