DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
INSPECTION RECORD - DRILLING

RECEIVED
MAY -2 1986
CON. DIV.
DIST. 3

Date: 8-22-85
Location (¼ ¼ S-T-R) SE NE Sec 30-20N-9W
Field Area: Red mesa
State:
Spud Date:
STATUS: Drilling @
INSPECTOR:

District: FRO
Operator/Representative: G.E. Engineering
Contractor/Rig/Representative
Lease No./Unit/C.A. NM 025-4488
Well No.: 1
Testing @:
INC ISSUED:

	YES	NO	NA	REF
GENERAL				
1. Is copy of approved drilling permit & operations plan available on location?		No		W
2. Is drill site properly identified?		No		I
3. Is surface use in accordance with approved plan? Circle items in violation. (new access roads and improvelents to existing roads) (well site layout) (pits, sumps, & other ancillary facilities) (containment and disposal of solid, liquid, & gaseous wastes) (Source of water supply and construction material) (erossion control) (noise level) (aesthetics) (protection of biota, cultural resources, and other surface resources and uses).	✓			W
4. Is general housekeeping satisfactory?	✓			I
5. Are personnel safety practices acceptable? (hard hats, no smoking, fire extinguishers, derrickman safety and escape devices,etc) If no identify.			NA	I
6. Has operator reported all spills (if any)?			NA	I
7. Is rig lighting vapor-proof or explosion-proof?			NA	W
8. Are all production tests run during daylight hours (unless test commenced during daylight continues at stabilized flow rate)?			NA	I
BLOWOUT PREVENTER AND ASSOCIATED EQUIPMENT	YES	NO	NA	REF
9. Is BOP type, pressure rating, & arrangement rated to at least that approved?		No	r	W
10. Are choke line and manifold, fill line, and kill lines properly installed and operable?			NA	S
11. Are controls installed and functional? Circle defective or missing items: (automatic on floor) (remote automatic) (hand wheels)			NA	S
12. Is pressure accumulator system adequate to activate BOP?			NA	S
13. Are ram-type preventers tested to stack working pressure (or 70 percent of internal yield pressure of casing, if less or to psi as approved)?			NA	W
14. Are annular type preventers tested to 50 percent or working pressures?			NA	W
15. Are preventer pressure tests run and recorded in driller's log?			NA	W
(a) When initially installed?			NA	W
(b) Before drilling out after each casing string is set?			NA	W
(c) Following repairs?				W
(d) Before drilling into a known high-pressure zone?				
16. Is annular preventer activated at least weekly and recorded in a driller's log?			NA	W
17. Are pipe rams activated at least each trip and recorded in driller's log?			NA	W
18. Are blind rams activated at least each trip and recorded in driller's log?			NA	W
19. Does mud hose have safety chain?	✓			I
20. Slow pump speed for kill purposes recorded?			NA	I
21. Are BOP drills conducted at least weekly for each drilling crew and recorded in driller's log?			NA	I
22. Are drill string safety valves to fit all size of pipe in the drill string maintained in the open position of the rig floor?		No		W

	YES	NO	NA	ENF
...owout Preventer & Associated Equipment				
...pper kelly cock and/or esstantially full opening lower kelly cock				W
...pable of running through BOP installed at bottom of kelly?		No		W
...s kelly cock wrench available for immediate use?			NA	
	YES	NO	NA	ENF
SING AND CEMENTING				
25. When setting surface casing did cement circulate to surface? If not, was remedial action taken?			NA	W
26. When setting _____ casing did cement job seem proper? If not, was remedial action taken?			NA	W
27. Were all casing strings pressure tested prior to drilling out?			NA	W
(a) Was remedial action taken if test indicated need?			NA	I
(b) Were all pressure tests recorded in driller's log?			NA	I
28. Were all WOC times adequate?				
29. Was casing run in accordance with approved plan of operations (size, weight, grade, depth)?			NA	W
	YES	NO	NA	ENF
MUD PROGRAM				
30. Is mud system in accordance with approved plan?		No	NA	W
31. Are mud tests recorded in driller's log?			NA	I
32. Is mud monitoring equipment in accordance with approved plan of operations?			NA	W
33. Is mud conditioned by circulating prior to tripping?			NA	I
34. Is annulus filled if mud level drops below 100 feet while tripping?			NA	I
35. Are piping, separation equipment, and tankage installed to handle hydrocarbon flows during testing?		No	N	W
	YES	NO	NA	ENF
SPECIAL OPERATIONS- AIR/GAS DRILLING				
36. Is rotating head properly installed?			NA	W
37. Is flare pilot light installed and operating?			NA	W
38. Is decuster equipment installed, if required?			NA	W
39. Is mud circulating equipment available for rapid installation (including reserve and steel pits)?				W
	YES	NO	NA	ENF
HYDROGEN SULFIDE OPERATIONS				
40. Are number, locations, and access to safe briefing areas adequate?				W
41. Are H_2S safety instructions and contingency plan posted?				I
42. Is required personnel safety equipment available? (Protective breathing apparatus) (Resuscitator) (Portable H_2S detectors) (First aid kit)		No		S
43. Have weekly H_2S drills been held and recorded on driller's log?			NA	I
44. Is H_2S detection and monitoring equipment properly installed with sensing points at critical locations?			NA	S
45. Is wind direction equipment installed?			NA	W
46. Are danger signs and flares available?			NA	W
47. Is kill line installed to safe area?			NA	S
48. Is flare system installed?		No		S
49. Is mud/gas separator installed and operable?			NA	S
50. Are explosion-proof ventilation fans available for use?		No		W
51. Is pH of water base mud maintained at 10.0 or above?			NA	W
52. Is mud system treated with H_2S neutralizing additive when required?				
	YES	NO		ENF
OTHER				
53. Special requirements per approved plan (list).				
			NA	
DESCRIPTION OF OPERATIONS WITNESSED				

REMARKS

(C) Shut-in (W) Formal warning (I) Informal warning