

DEC 14 1981

DEPT OF GEOL

SA. CH. CO. FORM NO. 1568

QUINTANA PETROLEUM CORPORATION
DRILLING RECORD

SHEET D

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LEASE Gath WELL NO. 1 FIELD Turner Area

DATE	E.T.D.	DETAILS OF OPERATIONS, DESCRIPTIONS & RESULTS
8/5/81		Started moving Taylor Drilling Company Rig #4 to location. Compound bearing being repaired in Washington. Projected spud date 8/10/81 contingent on successful repair of bearing.
8/6/81		Continued moving rig onto location.
8/10/81		Continued rigging up Taylor Rig #4. Expect to receive all rig parts 8/10/81. Expect to spud 8/11/81.
8/13/81		Mixing spud mud. Expect to spud 8/13/81. At 1000 hours.
8/14/81	601'	Filled pits & mixed spud mud. Repaired leaks in lines. Spudded at 1430 hours 8/13/81. Drilled to 601'. Now drilling ahead.
8/15/81	815'	Drilled to 815'. Circulated out. Made wiper trip to surface. Circulated out. Pulled out of hole. Ran 20 joints 8-5/8", 24#/ft, K-55, ST&C Casing with guide shoe, float collar, & 17' landing joint. Set shoe at 814', float collar at 771'. Circulated and conditioned mud. Rigged up Howco & cemented with 184 sacks Class "G" with 8% gel & 3% salt followed by 150 sacks Class "G" with 2% Calcium Chloride. Recovered 170' cubic feet cement on surface. Plug dn 2200 hours 8/14/81 with 300 psi. Released pressure. Floats held OK. Now waiting on cement.
8/16/81	815'	Waited on cement 2 hours (10 hours total). Nippled up blow out preventers. Waiting on ring gasket to install choke line to blow out preventer.
8/17/81	1231'	Nippled up choke manifold. Reversed pipe and blind rams in blow out preventer stack (blind on top). Tested blow out preventers, choke manifold, hydril, stand pipe, and kelly cock to 1500 psi. Tripped in hole. Tagged cement at 775'. Circulated and conditioned mud. Drilled float collar, 40' cement, float shoe and 5' new formation. Tested shoe to 11.3 ppg equivalent (witnessed by ODAGAMI) Drilled 819' to 1231'. Had tight connection. Now making wiper trip.
8/18/81	1501'	Drilled 1231' - 1391'. Pulled out of hole with Bit #1. Installed wear ring. Tripped in hole with Bit #2. Drilled 1393' - 1501'. Now drilling ahead.
8/19/81	1874'	Drilled 1501' - 1502'. Tripped for new Bit #3. Drilled 1502' - 1874'. Now drilling ahead.
8/20/81	2247'	Drilled 1761' - 1793'. Survey - 1°. Drilled 1793' - 2092'. Repaired pump 1 hour. Drilled 2092' - 2247'. Now drilling ahead.
8/21/81	2561'	Drilled 2247' - 2385'. Pulled out of hole. Repacked swivel. Ran in hole no fill. Drilled 2385' - 2561'. Now drilling ahead.
8/22/81	2954'	Drilled to 2585'. Took survey. Drilled to 2824'. Made 5 stand wiper trip. Drilled to 2954'. Now drilling ahead.
8/23/81	3295'	Drilled to 2973'. Survey - 1/4°. Drilled to 3295'. Now drilling ahead.
8/24/81	3570'	Drilled to 3344'. Tripped for new Bit #4. Drilled to 3570'. Now tripping for new Bit #5.
8/25/81	3625'	Tripped for new Bit #5. Reamed 3390' to bottom at 3570'. Drilled 3570' - 3580'. Made 3 stand short trip. Drilled 3580' - 3591'. Made 5 stand short trip. Reamed 3560' - 3578'. Washed 3578' - 3591'. Drilled 3591' - 3603'. Made 4 stand short trip. Reamed 3587' - 3603'. Drilled 3603' - 3625'. Now drilling ahead.
8/26/81	3776'	Reamed 3592' - 3625'. Drilled to 3746. Trip for new Bit #6. Had 30K drag 3746' - 3636'. Reamed 3620' - 3746'. Drilled 3746' - 3776'. Now drilling ahead.

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8/27/81	4001'	Drilled to 3898'. Made 4 stand short trip - no drag. Reamed 3768' - 3898'. Drilled 3898' - 4001'. Now drilling ahead.
8/28/81	4345'	Drilled to 4024'. Made 5 stand short trip. Reamed 3930' back to bottom at 4024'. Drilled to 4266'. Made 5 stand short trip. Drilled to 4345'. Now drilling ahead. No shows.
8/29/81	4585'	Tripped for new Bit #7. Pulled tight 3980' - 3950' (+25K). Went in hole and reamed 3897' - 3920'. Washed fill 4325' - 4345'. Drilled to 4585'. Now drilling ahead. Shows: none.
8/30/81	4637'	Drilled 4585' - 4614'. Worked pipe on tight connection. Drilled 4614' to 4625'. Tripped for new Bit #8. Pulled tight 4625' - 3980'. Found hole in drill pipe 3 joints above drill collars. Went in hole with Bit #8. Washed and reamed 3928' - 4625'. Circulated and conditioned. Made 12 stand short trip. Dragged 30K 4625' - 4308'. Washed and reamed 4232' - 4294'. Ran in hole to bottom - no fill. Drilled 4625' - 4637'. Now drilling ahead.
8/31/81	4810'	Drilled to 4675'. Made 12 stand short trip - pulled tight 4455'-4395'. Washed 30' back to bottom - 4' fill. Drilled to 4800'. Made 12 stand short trip - slick. Drilled to 4810. Now drilling ahead. No shows.
9/1/81	5021'	Drilled to 5013'. Made 15 stand short trip. Had 10K drag at 3974'. Found 5' fill on bottom. Drilled to 5021'. Now drilling ahead. No shows.
9/2/81	5235'	Drilled to 5230'. Made 20 stand short trip - no drag. Washed 10' fill off bottom. Drilled to 5235'. Now drilling ahead. No shows.
9/3/81	5510'	Drilled to 5506'. Made 20 stand short trip. No drag or fill. Drilled to 5510'. Now drilling ahead. No shows.
9/4/81	5722'	Drilled and surveyed to 5696'. Changed screen and belt on shaker. Drilled to 5700'. Made 20 stand short trip. No drag - 11' fill. Drilled to 5722'. Now drilling ahead.
9/5/81	5853'	Drilled and surveyed to 5833'. Tripped for new Bit #9. Had 25' fill. Drilled to 5853'. Now drilling ahead. No shows. NOTE: Drilled lignite streak at 5820'.
9/6/81	6002'	Drilled to 6002'. Circulated and conditioned. Made 20 stand short trip No drag or fill. Circulated and conditioned to log. Pulled out of hole to log.
9/7/81	6002'	Rigged up Schlumberger. Ran DI-SFL/Sonic 5992 - 816. Ran FDC/CNL 5990 - 816. Ran dipmeter 5992 - 816. Shot 30 SWC's - recovered 29. Went in hole with drill collars. Pulled out of hole laying down drill collars. Went in hole with drill pipe open-ended to 5117. Now preparing to plug and abandon.
9/8/81	6002'	Rigged up BJ. Spotted cement plugs 5117 - 4917, 3995 - 3795, 915 - 700. Waited on cement 6 hours. Tagged cement at 733. Laid down drill pipe. Nippled down blow out preventers. Cleaned mud tanks. Released rig @ 2400 hours 9-7-81. Additional costs to follow.