

Union Texas Petroleum Company  
Johnston Federal #29  
1550 FSL & 1210' FWL  
Section 7, T31N, R9W  
San Juan County, New Mexico

Elevation 6647' GL  
6659' KB

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JUL 05 1991

### Drilling History

OIL CON. DIV.  
DIST. 3

07-07-90 Drilling 12 1/4" at 323'. Move in and Rig up 4-  
Corners Rig #5. Spud 12 1/4" hole at 11:30 p.m. 07-  
06-90.

Surveys: 1/2 degree at 96'  
1 degree at 220'

07-08-90 Drilling 8 3/4" hole at 1273'. Drilled 12 1/4" hole to  
372'. Surveys: 1/4 degree at 345'  
1/2 degree at 593'  
1 1/4 degree at 800'  
3/4 degree at 1101'

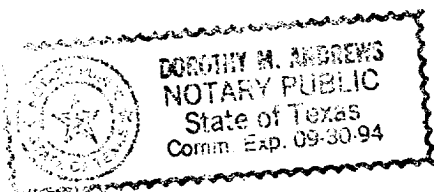
Ran 8 jts 9 5/8" 34.86# J-55 ST&C casing all measuring 352.05'  
and landed at 364' KB. Cemented with 210 sx Class "B", 2% CC,  
1/4#/sx Celoflake. Circulated 15 bbls good cement to pit. Plug  
down 9:00 a.m. 7-7-90. WOC 4 hrs and weld on 9 5/8" 3000 psi  
casinghead. Nipple up BOP stack and pressure test blind rams and  
casing 750 psi, 15 min., OK. RIH and pressure tested pipe rams,  
750 psi, 15 min., OK.

07-09-90 Drilling 8 3/4" at 3024'. Mudding up.  
Surveys: 3/4 degree at 1605'  
1 degree at 2106'  
1 3/4 degree at 2604'

07-10-90 Trip out with core barrel at 3329'. Cored from 3300'  
to 3329'. SLM 3297.41, board 3300', no correction.  
Surveys: 2 degree at 3263'  
Cut 7 7/8" X 3 1/2" core. From drilling time, looks  
like 12' of coal cut.

07-11-90 Logging at TD of 3600'. Mud 10-65-18.6cc. Lost 60  
bbls mud from 3442-3516'. Survey 2 1/4 degree at  
3570'. Logger TD 3594' KB.

*Ken White - Reg Permit Closed 7/2/91*



*Dorothy M. Andrews  
Notary for Harris  
County, Texas*