

Form C-103
Sundry Notice
Felmont Federal #2
9-4-79

8-5-79 top of cmt @ 989'. Tested 20" csg to 600 psig. Held ok. Deviation
(con't) Surveys: 1330'; Drift 1⁰, 1453'; Drift 1⁰.

8-6-79 Deviation Surveys: 1578'; Drift 1⁰, 1703'; Drift 1⁰, 1826'; Drift 1⁰,
1950'; Drift 1⁰.

8-7-79 Deviation Surveys: 2106'; Drift 1⁰, 2262'; Drift 3/4⁰, 2387'; Drift 1⁰.

8-8-79 Deviation Surveys: 2481'; Drift 1⁰, 2606'; Drift 1⁰, 2698'; Drift 1 1/4⁰.

8-9-79 Deviation Survey: 2758'; Drift 1⁰.

8-10-79 RIH w/71 jts (2806⁶⁵') of 13 3/8", 61#, K55, STC csg. Set @ 2776'. Cmt'd
w/1125 sx Lite-water containing 3 lbs/sk Gilsonite, 0.94% CACL₂, 31 lbs/sk
salt, & 1/4 lb/sk Flocele followed by 405 sx Class "C" containing 0.94% CACL₂,
19 lbs/sk salt, & 1/4 lb/sk Flocele followed by 200 sx Class "C" containing
1.88% CACL₂. Cmt in place @ 10 PM. WOC 19 hrs.

8-11-79 Cut-off 20" csg & weld head on 13 3/8" csg. NU BOP, Hydril & Choke Manifold.
Tested BOP & csg to 1000 psig. Held ok.

8-13-79 Deviation Survey: 2908'; Drift 1 1/2⁰.

8-15-79 Deviation Survey: 3130'; Drift 1 1/2⁰.

8-20-79 Deviation Survey: 4923'; Drift 1⁰.

8-22-79 Deviation Survey: 5190'; Drift 1⁰. Ran 134 jts (5216.95') 9 5/8", 40#,
N80 Buttress csg set @ 5210' w/DV tool set @ 3191'.

8-23-79 Cmt'd 1st stage w/525 sx Lite-water containing 5 lbs/sk salt, 5 lbs/sk
Gilsonite, & 1/4 lb/sk Flocele followed by 300 sx Class "C". PD @ 8:30 AM.
Opened DV tool. Circ'd 300 sx cmt to surface from 1st stage. Circ'd thru
DV tool. Cmt'd 2nd stage w/825 sx Lite-water containing 5 lbs/sk salt, 3
lbs/sk Gilsonite, & 1/4 lb/sk Flocele followed by 150 sx Class "C". PD @
1:30 PM. Circ'd 145 sx cmt to surface from 2nd stage. WOC 29 1/2 hrs. Cut-off
9 5/8" csg & installed csg spool tested same to 2000 psig. Held ok. ND
BOP Stack. NU 5000 psig BOP Stack.

8-24-79 Tested BOP stack, Manifold, Upper & lwr Kelly valves, & Safety Dart valve
to 5000 psig. Tested Hydril to 3000 psig. Tested 9 5/8" csg to 1000 psig.
Held ok. Drld DV tool. Tested 9 5/8" csg to 1000 psig. Held ok.

8-25-79 Deviation Survey: 5693'; Drift 1⁰.

8-26-79 Deviation Survey: 5980'; Drift 3/4⁰. Ran Gyro-scopic Survey from 5980'
to surface. BH location @ 5980' is 16.15' N & 41.70' E of surface location.

8-27-79 Deviation Survey: 6125'; Drift 4 1/2⁰; Direction N 72⁰ W.

8-28-79 Deviation Survey: 6181'; Drift 6 3/4⁰; Direction N 81⁰ W; TVD 6179.94'
Coordinates 20.70 N & 30.57 E.

8-29-79 Deviation Surveys: 6274'; Drift 8 3/4⁰; Direction N 83⁰ W. 6368'; Drift
9 3/4⁰; Direction N 83⁰ W. 6461'; Drift 10 1/2⁰; Direction N 84⁰ W. 6554';
Drift 11⁰; Direction N 86⁰ W.

8-30-79 Deviation Surveys: 6647'; Drift 12 3/4⁰; Direction due W. 6771'; Drift
14⁰; Direction S 85⁰ W.

* Surface location is on Fee acreage. Bottom Hole location will be under Federal
Lease NM-15907 as follows: approximate center of the SW/4 of same Section 25.