

CELESTE C. GRYNBERG  
JAVELINA FEDERAL #1  
SECTION 3, T 26 S - R 35 E  
1980' FSL & 660' FEL  
NE/4 SE/4 - PD 14,3000' - STRAWN FORMATION  
LEA COUNTY, N.M.  
3157 KB

LAURA: 1-915-686-0431\*\*\*

- 05/26/84 Drlg. 13,607' in lime and shale; made 57' in 23 hrs. MW 11, Vis 38, WL 9.6.
- 05/27/84 Drlg. 13,657' in lime and shale; made 50'. Trip for new bit. MW 11, Vis 38, WL 9.6.
- 05/28/84 Drlg. 13,710' in lime and shale; made 53' in 23 hrs. MW 11, Vis 38, WL 9.6.
- 05/29/84 Drlg. 13,788' in lime and shale; made 78' in 23 hrs. MW 11, Vis 38, WL 9.6.
- 05/30/84 Drlg. 13,808' in lime and shale; made 20' in 12 hrs. Trip for bit, checked drill collars. Dev survey 3 1/2 degs. @ 13,800'. MW 11, Vis 38, WL 9.8.
- 05/31/84 Drlg. 13,834' in lime and shale; made 26' in 23 hrs. MW 11, Vis 38, WL 9.6.
- 06/01/84 Drlg. 13,865', made 31' in 23 3/4 hrs. Rotating time. Drlg. in shale, some lime streaks. MW 11, Vis 37, WL 8.4.
- 06/02/84 Drlg. 13,902'; made 37'. Trip for bit. MW 11, Vis 38 WL 8.5.
- 06/03/84 Drlg. 13,955'; made 53'. Drlg. break @ 13,951' to 13,955'. No associated shows.
- 06/04/84 Drlg. 13,992'; made 37' in 22 hrs.
- 06/05/84 Drlg. 14,041', made 49' in 23.5 rotating hrs. From 14,020' to 14,030', 90% lime break, no show. 14,030' to 14,041', back in shale. MW 11.5.  
Drlg. rate 30-40 min./ft in gummy shale above drilling break, Now drilling rate 12-15 min./ft. Drlg. at 14,051' - still in shale. Possible top of Strawn @ 14,020', if so, section resembling more like #2 talco unit well. Present objective 14,200 ft. - LATE AFTERNOON REPORT:  
Drlg. @ 14,075' in Strawn. Well site geologist picks top of Strawn @ 14,048'. Drlg. break 14,058' to 14,066' had C<sub>1</sub> show. No sample shows. Need to drill to at least 14,250' to get into massive pay limestone.
- 06/06/84 Drlg. 14,098' in lime and shale; made 57' in 12 hrs. MW 11.5, Vis 40, WL 8. TFB @ 14,094'. Dev. survey 14,094' @ 4 3/4 degs.
- 06/07/84 Drlg. @ 14,174' in lime and shale; made 76' in 24 hrs. MW 11.7, Vis 40. Drlg. 14,179' - 100% shale. This is possibly the thick shale right above the massive limestone as seen in the #2 Talco Unit well.
- 06/08/84 Drlg. 14,205' made 31' in 23 3/4 hrs. 80% shale and 20% lime, MW 12 Vis 40, WL 7.2. Estimate top of massive limestone 14,220'.