

|                                                          |            |                       |               |              |       |
|----------------------------------------------------------|------------|-----------------------|---------------|--------------|-------|
| COUNTY                                                   | LEA        | FIELD                 | Hightower, E. | STATE        | NM    |
| OPR                                                      | BOREN, SAM |                       |               |              | MAP   |
| 1 Amerada-State                                          |            |                       |               |              |       |
| Sec. 25, T-12-S, R-33-E                                  |            |                       |               | CO-ORD       |       |
| 660' ESL, 1980' FWL of Sec.                              |            |                       |               | 30-025-22200 |       |
| Spd 7-23-67                                              |            | CLASS                 |               | E            |       |
| Cmp 9-20-67                                              |            | FORMATION             | DATUM         | FORMATION    | DATUM |
| CSG & SX - TUBING                                        |            |                       |               |              |       |
| 11 3/4" 414' 400                                         |            |                       |               |              |       |
| 8 5/8" 4149' 450                                         |            |                       |               |              |       |
| 4 1/2" 10399' 450                                        |            |                       |               |              |       |
| LOGS EL GR RA IND HC A                                   |            |                       |               |              |       |
|                                                          |            | TD 10400', FBD 10370' |               |              |       |
| IP U/Penn. Perfs 9797-10187' Fmpd 179 BOFD + 30 BW. Pot. |            |                       |               |              |       |
| Based on 24 hr test, gravity 41., gas vol. 89 MCFGPD.    |            |                       |               |              |       |

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|       |                   |            |         |      |    |
|-------|-------------------|------------|---------|------|----|
| CONT. | Forster Drlg. Co. | PROP DEPTH | 10,500' | TYPE | RT |
| DATE  |                   |            |         |      |    |

F.R. 7-27-67  
PD 10,500' - U/Penn.  
Contr. - Forster Drlg. Co.

10-9-67 AMEND FIELD DESIGNATION: Formerly reported  
as Hightower.

8-1-67 TD 4150', prep drill.

8-8-67 Drlg. 6572' ln.

8-15-67 Drlg. 8647'.

8-21-67 TD 9473', prep DST.

8-29-67 ID 9950', core samples  
DST 9441-75', open 30 mins,  
rec 35' S11 GCM,  
ISIP 328#, PP 89-89#,  
1 hr ESIP 478#.

8-29-67 Cont.  
DST 9815-45', open 1 hr,  
rec 15' mud,  
30 min ISIP 2165#, FP 59-59#,  
1 hr FSIP 119#.  
DST 9850-85', open 1 hr,  
GTS 7 mins,  
Rec 30' O&GCM,  
30 min ISIP 2226#, FP 508-598#,  
1 hr FSIP 1559#.  
DST 9886-9920', open 30 mins,  
rec 10' mud,  
30 min ISIP 30#, FP 30-30#,  
30 min FSIP 30#.

9-6-67 TD 10400', WOC.  
9-11-67 TD 10400', prep perf.  
9-18-67 TD 10400', PED 10370', RU Kobe Pump.  
Perf @ 9797', 9799', 9848', 9851', 9853',  
9855', 9857', 9859', 9861', 9945', 9947',  
10181', 10183', 10187' W/1 SPI  
Acid (9797-10187') 10,000 gals (4 stages)  
9-25-67 TD 10400', PED 10370', TOP  
10-2-67 TD 10400', PED 10370', WO Pot.  
10-9-67 TD 10400', PED 10370', COMPLETE  
LOG: Rust 1895', Tansil 2620', Yates 2721',  
Seven Rivers 2940', SA 4061', Glorieta  
3450', Tubb 6900', Abo 7681', Permo-Penn.  
9790', Cisco 10010'.

# Memo

ad 4. 47

From

J. W. Runyan, Geologist &  
Deputy Oil & Gas Inspector

To This well is  
misclassified - Perfs  
of 9797-9861 (By Log)  
are in the vertical  
limits of the East  
Hightower upper Penn  
Pool

JWR

