

# Carracas 30B #6H

Energen Resources

Fruitland Coal

1,560' FSL, 741' FWL Sec. 20-T32N-R4W

Rio Arriba, NM. API: 30-039-30905

Date: 10/7/11

Spud: 6/24/11

Complete: 9/19/11

Elevation: 7,405' GL

KB Elevation : 7,418.5' KB

Current

## Surface Detail:

12 1/4" Hole  
9 5/8" 32.30#, H-40 ST&C  
Casing set @ 233'  
Cement with 150 cu ft  
Circulated to Surface

## Intermediate Detail:

8 3/4" Hole  
7" 23.00# J-55 LT&C  
Casing Set @ 5,624'  
Cement with 1,582 cu ft  
Circulated to Surface  
EP: 146' FNL & 92' FSL  
Sec: 30, T32N, R04W

Tubing Detail (Last Available)

| #Jts | O.D.  | Weight | Grade | Pkr / PS  | SN     | EOT    | Tally Dated: |
|------|-------|--------|-------|-----------|--------|--------|--------------|
| 154  | 1.995 | 4.7    | J-55  | 4,925' PS | 4,917' |        | 9/18/2011    |
| 1    | 1.995 | 4.7    | J-55  | 4,965' PS |        |        | 9/18/2011    |
| 1    | 1.995 | 4.7    | J-55  |           |        | 4,998' | 9/18/2011    |

Rod Detail (Last Available)

| #Rods | Length | Size/Type | Pump | Ponies | PR | PRL | Date Run: |
|-------|--------|-----------|------|--------|----|-----|-----------|
|       |        |           |      |        |    |     |           |
|       |        |           |      |        |    |     |           |
|       |        |           |      |        |    |     |           |
|       |        |           |      |        |    |     |           |
|       |        |           |      |        |    |     |           |
|       |        |           |      |        |    |     |           |

## Production Liner 1:

Pre-perf'd liner  
Top @ 5,236' MD  
Bottom @ 6,995' MD  
4 1/2" 11 60# J-55 LT&C  
BHL: 380' FNL & 1,442' FEL  
Sec: 30, T32N, R04W

## Production Liner 2:

Pre-perf'd liner  
Top @ 6,915' MD  
Bottom @ 9,050' MD  
3 1/2" 9.30# J-55 LT&C  
BHL: 773' FNL & 1,645' FWL  
Sec: 30, T32N, R04W

## 6 1/4" Hole

TD: 10,167' MD

PBTD: 6,995' MD

TVD: 4,057' TVD

BHL: 987' FNL & 550' FWL  
Sec. 30, T32N, R04W

## Formations:

Ojo Alamo: 3,494' TVD

Kirtland: 3,646' TVD

Fruitland: 3,987' TVD

Fruitland Coal: 4,114' TVD