

USG Section 18-8  
J-Sec 18, T29N, R16W  
San Juan County, New Mexico  
API 30-045-20508  
License I-89-IND-58  
Not to scale

Prepared By: Mark Gehrke  
Date: 3/31/2015

OIL CONS. DIV DIST. 3  
MAY 18 2015

ELEVATION  
R.B.  
G.L. 5,170  
KB  
BHT

Lat:  
Long:  
FNL ' FWL

Spud date:  
Completion date: 7-8-69

SANDSTEE 350'

DAKOTA SS. 834'

| Geological tops: |         |
|------------------|---------|
| Mancos           | surface |
| Sandstee         | 350'    |
| Dakota Ss        | 834'    |

9" hole  
SURFACE CSG: 7" 20# @ 57'  
Cmt w/ 10 sks  
Cmt to surface  
Top of surface casing 17" below surface

5 5/8" hole  
PRODUCTION CSG: 4 1/2" 9.5# @ 837'  
Cmt w/ 35 sks  
Cmt to surface

3 3/4"  
PRODUCTION HOLE: 3 3/4" to 846.5"  
Open hole completion

| Casing 4 1/2" 9.5# J55 |               | Tubing 2 3/8" 4.7# J55 |         |
|------------------------|---------------|------------------------|---------|
| I.D.                   | 4.09          | I.D.                   | 1.995   |
| Drift                  | 3.965         | Drift                  | 1.901   |
| Burst                  | 4,380         | Burst                  | 7,700   |
| BBL/linft              | 0.0163        | BBL/linft              | 0.0039  |
| Annular Vol. w/ tubing | 0.0108 bbl/ft | ft/bbl                 | 258.642 |

|                           | Qty | Length | Depth in hole |
|---------------------------|-----|--------|---------------|
| KB                        |     |        |               |
| Tubing Pup                | 1   | 4.00   | 4.00          |
| 2 3/8" Tubing ~31'        | 25  | 780.61 | 784.61        |
| 13.25' Tubing Pump        | 1   | 13.25  | 797.86        |
| Standing Valve Under Pump | 1   | 4.00   | 801.86        |
| 6/13/2014                 |     |        | 801.86        |
|                           |     |        | 801.86        |
|                           |     |        | 801.86        |
|                           |     |        | 801.86        |
|                           |     |        | 801.86        |
|                           |     |        | 801.86        |
|                           |     |        | 801.86        |

NOTE:

|       |    |        |        |
|-------|----|--------|--------|
| Total | 28 | 801.86 | 801.86 |
|-------|----|--------|--------|

2 3/8" Tubing Pump