

30-015-33555-00-00

ESPERANZA 22 STATE COM No. 002

Company Name: PURVIS OPERATING CO**Location:** Sec: 22 T: 21S R: 27E Spot:

Lat: 32.4636709768949 Long: -104.184212929882

Property Name: ESPERANZA 22 STATE COM**County Name:** Eddy**String Information**

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	503	17.5		
SURF	503	13.375	48	
HOL2	2696	12.25		
I1	2696	9.625	36	
HOL3	9350	8.75		
PROD	9350	7	26	

Cement from 503 ft.

Surface: 13.375 in. @ 503 ft.

Hole: 17.5 in. @ 503 ft.

Cement from 2696 ft.

Intermediate: 9.625 in. @ 2696 ft.

Hole: 12.25 in. @ 2696 ft.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
I1	2696		C	800
PROD	9350		C	400
SURF	503		C	780

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
9070	9122			
9090	9110			
9999	9999			

Formation Information

St Code	Formation	Depth
Pyts	Yates	500
Psr	Seven Rivers	750
Pqu	Queen	1200
Pdel	Delaware	2951
Pbrc	Brushy Canyon	4980
Pbs	Bone Spring	5180
Pbs3sd	3rd Bone Spring Sand	8520
Pwc	Wolfcamp	9029
PPst	Strawn	10193
Ppat	Atoka	10532
Ppmor	Morrow	11240
Mbtsh	Barnett Shale	11680

Cement from 9350 ft.

Production: 7 in. @ 9350 ft.

Hole: 8.75 in. @ 9350 ft.

TD:

TVD: 11900

PBTD:

Arrant, Bryan, EMNRD

From: Arrant, Bryan, EMNRD
Sent: Tuesday, September 04, 2007 8:07 AM
To: 'eng@purvisop.com'
Subject: Esperanza 22 State Com. # 2/API # 30-015-33555

Dear Donnie Brown,

So that this does not go to a NOV, please submit your NMOCD form C-104 and well deviation survey (for deepening to the Morrow).

Yours truly,

Bryan G. Arrant
District II Geologist
New Mexico Oil Conservation Division
1301 West Grand Ave.
Artesia, NM 88210
505-748-1283 Ext. 103

9/4/2007