

11/7/2006

Wellbore Diagram

r263

30-015-34825-00-00

STATE S-19 No. 023

Company Name: COG OPERATING LLC

Location: Sec: 19 T: 17S R: 29E Spot:

Lat: 32.8152940507971 Long: -104.106685473524

String Information

Property Name: STATE S-19

County Name: Eddy

Cement Information

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
99999	99999			

Formation Information

St Code	Formation	Depth
Psal	Salado	480
Pbslt	Base of Salt	656
Pyts	Yates	789
Psr	Seven Rivers	1035
Psrbs	Bowers Sand	1384
Pqu	Queen	1619
Pgb	Grayburg	2002
Psa	San Andres	2292
Pgl	Glorieta	3749

Hole: Unknown

TD:

TVD: 0

PBTD:

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API#: 30-015-34825
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4258.5' – 4563'	Acidize w/2500 gals acid.
4258.5' – 4563'	Frac w/ 10,000 gals 30# gel, 91,020#
4258.5' – 4563'	16/30 sand, and 61,488 gals 40# gel.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4690' – 4895.5'	Acidize w/2500 gals acid.
4690' – 4895.5'	Frac w/ 58,296 gals 40# gel, 32,000 gals 30#
4690' – 4895.5'	gel, 8039# LiteProp, 89,940# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5000' – 5261'	Acidize w/2500 gals acid.
5000' – 5261'	Frac w/ 95,000 gals gel, 8000# LiteProp,
5000' – 5261'	91,580# 16/30 sand.

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