



INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## OIL OR GAS SANDS OR ZONES

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Well:	Roo 22 St # 11
API:	30-015-40533
<b>Surface Location</b>	
Producing Method Code:	P
<b>Well Completion Data:</b>	
Spud Date:	10/19/2012
TD DATE:	10/25/2012
Ready Date (COMPLETED DATE):	11/16/2012
RIG RELEASE DATE:	10/26/2012
Date Frac setup:	11/7/2012
Date Frac rigdown:	11/7/2012
Date post-frac cleanout started:	11/13/2012
Date post-frac cleanout finished:	11/14/2012
TD:	4865'
PBTD:	4790'
Perforations: (INTERVALS, SPF, SIZE)	4761.3' TO 4770', 4564' to 4572.7', 4461.3' TO 4470', 4262' to 4270.7', 4082' TO 4090.7', 3816.3' to 3825', 3660' TO 3668.7', 3559' to 3567.7' 5 SPF & 0.48 EHD
Frac Details	FRAC with 80,819 gal linear gel, 464,000 gal cross-linked gel, 7,500 gal 15% HCl acid, 16,000 lbs 100 mesh SD, and 720,000 lbs 16/30 resin coated SD
DHC, MC:	-
Surface Casing - Date Set:	10/20/2012
Surface Casing - Hole Size:	12-1/4"
Surface Casing - Type & weight:	36# J-55 LTC
Surface Casing - Casing Size:	9-5/8"
Surface Casing - Depth Set:	425'
Surface Casing - Sacks Cement:	400 sx
Surface Casing - TOC:	Surface (circ'd)
Date & test data for Surface Casing:	10/21/12 - test to 2300 psi (test good)
Production Casing - Date Set:	10/26/2012
Production Casing - Hole Size:	7-7/8"
Production Casing - Type & Weight:	17# L-80 LTC
Production Casing - Casing Size:	5-1/2"
Production Casing - Depth Set:	4865'
Production Casing - Sacks Cement:	1310 sx
Production Casing - TOC:	Surface (circ'd)
Date & test data for Production Casing:	11/05/12; 5000 psi, held pressure for 30 min (test good).
Tubing Size:	2-7/8"
Tubing Depth:	3441'
<b>Well Test Data:</b>	
Date New Oil:	12/1/2012
Test Date:	12/2/2012
Test Length:	24
Tbg. Pressure:	330
Csg. Pressure:	126
Choke Size:	-
Oil:	140
Water:	1722
Gas:	215
GAS - OIL RATIO	1535 scf/bbl
OIL GRAVITY - API (CORR)	39
Test Method:	P
DISPOSITION OF GAS (SOLD, USED FOR FUEL, ETC)	SOLD (currently being flared but will be sold)

1907' FSL x 1794' FWL Sec 22, T17S - R28E Eddy Co, NM  
Yeso West 60% WI

Spud date: 10/19/2012

Completion Date: 11/07/2012

**OXY USA INC**

Roo 22 State # 11

30-015-40533

Luis Tarazona 12/04/12

☐ ACTUAL

9 5/8", 36# J-55

@ 425'

w/400 sx-TOC-Surf-Circ

Top Glorieta @ 3404'

Top Paddock @ 3478'

**Stage 4 Perforations**

4b - 3,559' - 3,567.7'

4a - 3,660' - 3,668.7'

**Stage 3 Perforations**

3b - 3,816.3' - 3,825'

3a - 4,082' - 4,090.7'

**Stage 2 Perforations**

2b - 4,262' - 4,270.7'

2a - 4,461.3' - 4,470'

**Stage 1 Perforations**

1b - 4,564' - 4,572.7'

1a - 4,761.3' - 4,770'

PBDT @  
4790'

TD 4858'

Top Blinebry @ 3938'

5 1/2", 17# L-80

@ 4865' Cement to surface  
w/1310 sx TOC - Surf - Circ