

HOBBSOCB  
SUNDRY M

(Instructions on page 2)

**Recommended Procedure**

1. MIRU workover unit. POOH with rods & pump and lay down same. ND wellhead and NU BOP's and test. POOH with 2 $\frac{3}{8}$ " tubing.
2. RIH with bit for 7" 23/26# casing on 2 $\frac{3}{8}$ ", 4.7# production tubing as workstring to 6776'±, circulating well clean with 2% KCL water. Drill out CIBP and continue TIH to PBTD at 6991'±. POOH with 2 $\frac{3}{8}$ " workstring.
3. MIRU Schlumberger wireline. RU 1000 psi lubricator. Run GR-CCL log from 6960'± to 5500'±. Correlate to Schlumberger Compensated Neutron log dated 12/18/76. Perforate the Tubb from 6509-6525' with 2 SPF, 90° phasing (32 holes). Perforate the Blinbry from 5794-5797, and 5811-5825' with 2 SPF, 90° phasing (34 holes), using 3 $\frac{1}{8}$ " High Shot Density, 34JL Ultrajet, HMX 22.7g, (API 19B: Pen – 28.94", EHD - 0.37")
4. RDMO wireline and lubricator.
5. TIH with packer and 2 $\frac{3}{8}$ " workstring. Set packer at 5750'±. Acidize the Blinbry perms with 3100 gals 15% HCl acid. Release packer and POOH.
6. RIH with the 2 $\frac{3}{8}$ " production tubing (per tubing design in WellView). Place the EOT at 6960'± with the tubing anchor at 5750'±. Maintain a dynamic fluid column (DFC) while running tubing. (Trickle some 2% KCl water down the tubing head valve.)
7. ND BOPs and NU wellhead. RIH with pump and rods (per rod design in WellView). Space and hang well on. Load tubing and check pump action.
8. RDMO well service rig. Release any ancillary equipment. Clean up location.
9. Turn well over to Operations. Place well on production. Report well tests on morning report. Place stabilized well test in FieldView. Contact chemical representative to place well on corrosion inhibition and scale squeeze program if needed. Submit change of status report.

# WARREN UNIT #043

## CURRENT WELLBORE DIAGRAM

**API #:** 30-025-25360  
**FIELD:** Warren Blinbry Tubb O&G  
**CO ST:** Lea, NM **AREA:** Hobbs East  
**SECTION:** 21 N **TOWNSHIP:** 20S **RANGE:** 38E  
**LOCATION:** 660' FSL & 1980' FWL  
**DATES:** **SPUD:** 11/30/76 **IC:** 1/31/77  
**LATEST RIG WORKOVER:** 9/9/05  
**DIAGRAM REVISED:** 06/11/09 by D. McPherson

CASING			TUBING	
Hole Size	12 1/4"	8 3/4"		
Pipe Size	9 5/8"	7"		2 3/8"
Weight	32#	23#		
	36#	26#		4.7#
Grade	K-55	K-55		J-55
Thread	ST&C			8rd
Depth	1465'	6850'		6679'

**ELEVATION:** GR - 3549', KB 3563'  
**TREE CONNECTION:**

TOC @ 1100±

9 5/8" @ 1465' cmt w/ 625 sxs

DV Tool @ 3981'

PERFS: 5929', 5934', 6011', 6030' (2 SPF) 1/11/77  
 1500 gals 15% HCl, 50,000# 20-40 SD

Re-Perf: 5902-03', 5908-09', 5913', 5924', 5928', 5930', 5932', 5933', 5938', 5939' 4/1/80  
 5944', 5945', 5984', 5988', 5996', 5997', 6006', 6008', 6010', 6012', 6013', 6016', 6017', 6026',  
 6027', 6028', 6117', 6118' (1 SPF) Acid frac'd only  
 PERFS: 6544-73', 6645', 6658', 6669', 6678', 6696' (1 SPF) 1/6/77  
 1500 gas 15% HCl, 50,000# 20-40 SD

CIBP @ 6776' 1/6/77

PERFS: 6811-6960' 2/30/76

PBTD: 6991'  
 7" @ 6850' cmt w/ 1605 sxs

## COMMENTS

TD

7025'

# WARREN UNIT #043

## PROPOSED WELLBORE DIAGRAM

**API #:** 30-025-25360  
**FIELD:** Warren Blinbry Tubb O&G  
**CO ST:** Lea, NM **AREA:** Hobbs East  
**SECTION:** 21 N **TOWNSHIP:** 20S **RANGE:** 38E  
**LOCATION:** 660' FSL & 1980' FWL  
**DATES:** **SPUD:** 11/30/76 **IC:** 1/31/77  
**LATEST RIG WORKOVER:** 9/9/05  
**DIAGRAM REVISED:** 06/16/09 by D. McPherson

	CASING		TUBING	
Hole Size	12 1/4"	8 3/4"		
Pipe Size	9 5/8"	7"		2 3/8"
Weight	32#	23#		4 7#
Grade	K-55	K-55		J-55
Thread	ST&C			8rd
Depth	1465'	6850'		6960'±

**ELEVATION:** GR - 3549', KB 3563'  
**TREE CONNECTION:**

TOC @ 1100'±

9 5/8" @ 1465' cmt w/ 625 sxs

DV Tool @ 3981'

TAC @ 5750'±

PERFS: 5794-5797', 5811-5825'

PERFS: 5929', 5934', 6011', 6030' (2 SPF) 1/11/77  
 1500 gals 15% HCl, 50,000# 20-40 SD  
 Re-Perf 4/1/80: 5902-03', 5908-09', 5913', 5924', 5928', 5930', 5932', 5933', 5938', 5939'  
 5944', 5945', 5984', 5988', 5996', 5997', 6006', 6008', 6010', 6012', 6013', 6016', 6017', 6026',  
 6027', 6028', 6117', 6118' (1 SPF) Acid frac'd only

PERFS: 6509-6525'  
 PERFS: 6544-73', 6645', 6658', 6669', 6678', 6696' (1 SPF) 1/6/77  
 1500 gals 15% HCl, 50,000# 20-40 SD

PERFS: 6811-6960' 2/30/76

PBTD: 6991'  
 7" @ 6850' cmt w/ 1605 sxs

## COMMENTS

1. Last well test 5/12/09 4 BO, 2 BW, 8 Mcf
2. Drinkard tested 20 BFPD, 90% oil in 1977

TD 7025'

**Warren Unit B/T WF #43  
30-025-25360  
ConocoPhillips Company  
September 8, 2009  
Conditions of Approval**

- 1. Subsequent sundry to be submitted with request to down hole commingle zones which will be subject to like approval by state.**
- 2. A 2M BOP to be used during operations.**
- 3. Surface disturbance beyond the existing pad must have prior approval.**
- 4. Closed loop system required.**
- 5. Operator to have H2S monitoring equipment on location as H2S has been reported in this well.**
- 6. Subsequent sundry with date well placed on production and completion report required.**

**MAK 090809**