

28-20-58

WARREN UNIT #095 (SLB 7/7/98)

API No.	30025306590000
Spud	9/23/1989
Completion	1/11/1990
Abandoned	
Frm. Prod.	452BLBR
Well No.	95
Field	WARREN
Init. Well Class.	development well
Status	2 OIL
Permit	
RR	
Last Act.	
TD	7448.0 ftKB
PBTD	6900.0 ftKB
Operator	CONOCO INC
Permit No.	
District	Hobbs O.U.
Final Well Class.	multiple completion, oil
Frm. at TD	452ABO

Elevations

KB-Grd	16.4 ft
Grd	3533.6 ft
Tub Head	0.0 ft
KB	3550.0 ft
Cas Fing	0.0 ft

Location

Bottom Longitude	0
Top Longitude	103.1464
Half Township	
Half Range	
Spot	P
Meridian	NEW MEXICO
Top NS Distance	660.0 ft S
Top EW Distance	660.0 ft E
Bottom Latitude	0
Btm NS Distance	0.0 ft
Btm EW Distance	0.0 ft
Township	S020
Range	E038
Section	28
Meridian Code	New Mexico
Top Latitude	32.5386

Bore Hole Data

Size (in)	Depth (ftKB)
17.5000	1490.0
8.7500	7448.0

Casing String - Surface Casing

Grd	Item	Btm (ftKB)	Comments	ID	Thd	Jnts	Wt
K-55	13.3700 in Casing	1445.0		12.6100	STC	35	54.50

Casing String - Production Casing

Grd	Item	Btm (ftKB)	Comments	ID	Thd	Jnts	Wt
K-55	7.0000 in Casing	7448.0		6.2800	LTC	169	26.00

Casing Cement

Amount (sx)	Comments	Casing String	Top (ftKB)
1200	Cmt circ	Surface Casing	0.0
2770	Cmt circ, both stgs. DV @ 4915, 1st stg 826 sx, 2nd 1944 sx	Production Casing	0.0

Perforations

Int	Shots (/ft)	Comments	Type	Date
6952.0 - 7200.0	4.0	@ 6952-60, 7026-66, 7096-7110, 7124-44, & 7150-7200		10/25/1989
7206.0 - 7358.0	4.0	@ 7206-16, 7228-38, 7248-88, 7300-40, & 7352-58		10/25/1989
6690.0 - 6792.0	1.0	@ 6690, 6704, 06, 08, 15, 17, 42, 44, 70, 90 & 6792 in 4 bbls 15% acid.		11/1/1989
6690.0 - 6792.0	1.0	Reperf @ 6690, 6704, 06, 08, 15, 17, 42, 44, 70, 90 & 6792 in 4 bbls 15% acid.		11/3/1989
6570.0 - 6618.0	1.0	@ 6570, 72, 74, 76, 78, 80, 6606, 08, 10 & 6618 in 3 bbls 15% HCL		11/13/1989
2692.0 - 2697.0	1.0			11/17/1989
6042.0 - 6170.0	1.0	@ 6042, 46, 50, 59, 74, 76, 78, 80, 82, 84, 92, 94, 96, 98, 6100, 02, 50, 53, 60, 62, 64, 66, 68 & 6170 in 10 bbls 15% HCL-NEFE acid.		11/29/1989
5756.0 - 5979.0	1.0	@ 5756-59, 71-75, 81-83, 98-5806, 16-22, 68-74, 79-86, 5938-50, 61-65, & 5970		9/20/1994
6212.0 - 6294.0	1.0	@ 6212-16, 25-34, 58-65, 84-88, & 6291-94		9/20/1994
6381.0 - 6527.0	1.0	@ 6381-85, 90-94, 6401-09, 19-29, 36-46, 61-66, 70-77, 6501-06 & 6517-27		9/20/1994



Stimulations & Treatments					
Int	Zone	Comments	Type	Date	Fluid
6952.0 - 7358.0	Abo	Pmp 984 bbls foamed acid. ATP=3900# @ 1.8 bpm, ISIP=3,550#	Acid Fracture	10/26/1989	N2 Foamed Acid
6690.0 - 6792.0	Lower Drinkard	Pmp 1900 G 15% HCL-NEFE tagged w/100 mesh sand RAM. Dropped 2 BS every 200 Gal acid. Could not pmp into perfs @ 2000#, raised press to 3,000#, could not break down.	Acid Squeeze	11/2/1989	15% HCL-NEFE Acid
6690.0 - 6792.0	Lower Drinkard	Pmp 1900 G 15% HCL-NEFE acid, perfs broke @ 1.6 BPM & 2,200#. Final SI press=0#	Acid Squeeze	11/3/1989	15% HCL-NEFE Acid
6690.0 - 6792.0	Lower Drinkard	Pmp 1915 bbls foamed acid in 8 stgs, dropping 10 BS. ATP=2,950# @ 7.43 bpm, ISIP=400#	Acid Fracture	11/7/1989	N2 Foamed Acid
6570.0 - 6618.0	Upper Drinkard	Pmp 1200 G 15% HCL-NEFE acid tagged w/RAM, dropping 5 BS every 250 Gals. ATP=3,050# @ 2 bpm, ISIP=2,300#	Acid Squeeze	11/14/1989	15% HCL-NEFE Acid
6570.0 - 6618.0	Upper Drinkard	Ppd 286 bbls 15% HCL acid & 123 bbls C02 @ 3,510# @ 4.0 bpm, ISIP=2,800#	Acid Fracture	11/15/1989	15% HCL-NEFE Acid
2692.0 - 2697.0	Yates	Ppd 34 bbls 15% HCL. ATP=2,100# @ 2.5 bpm.	Acid Squeeze	11/17/1989	15% HCL-NEFE Acid
2665.0 - 2720.0	Production Casing	Squeeze Yates perfs w/250 sx. Pressure test sqz perfs to 500# for 30 min, OK.	Cement Squeeze	11/20/1989	Class "C" Cement
6042.0 - 6170.0	Blinbry 4 & 5	Ppd 1070 bbl X-linked gel ramping 91,500# 16/30 frac sand, w/8 BS between stgs. ATP=4,800# @ 19 bpm, ISIP=2,740#	Fracture	11/29/1989	X-Linked Gel
6042.0 - 6170.0	Blinbry 4 & 5	Ppd 30 bbl 15% HCL-NEFE acid tagged w/RAM dropping 3 BS every 2 bbl acid. ATP=2,800# @ 3.8 bpm, ISIP=2,200#	Acid Squeeze	11/29/1989	15% HCL-NEFE Acid
5756.0 - 5979.0	Blinbry 1 - 3	Acidz w/3,550 G 15% NEFE HCL & 107 BS @ 2 - 3 bpm. Good BA, ISIP=1,650#	Acid Squeeze	9/21/1994	15% NEFE HCL
6212.0 - 6294.0	Blinbry 5	Acidz w/1,600 G 15% NEFE HCL & 48 BS @ 2 - 3 bpm, BDP @ 1,000#. Good BA, ISIP=Vac.	Acid Squeeze	9/21/1994	15% NEFE HCL
6381.0 - 6527.0	Tubb	Acidz w/3,600 G 15% NEFE HCL & 108 BS @ 3 - 4 bpm, good BA, ISIP=1,550#. Vacuum in 1 minute.	Acid Squeeze	9/21/1994	15% NEFE HCL
6381.0 - 6527.0	Tubb	Ppd 10,000 G Spectra G-3500 dummy frac tagged w/RAM @ 45 bpm, ISIP=Vac. Log indicated major trtmt in zone. Frac w/53,000 G Spectra G-3500 w/103,000# 16/30 Ottawa sand & 38,000# RCS tagged w/RAM @ 45 - 50 bpm. Max sand concentration 11 PPG, ISIP=2,400#	Fracture	9/26/1994	Spectra G-3500
5756.0 - 6527.0	Blinbry	Ppd 30,000 G Spectra G-4000 dummy frac tagged w/RAM @ 100 bpm, ATP=3,340#, ISIP=2,400#. Log indicated all trtmt in zone. Frac Blinbry 1 - 5 w/145,000 G Spectra G-4000 & 265,000# 16/30 Ottawa sand & 207,000# 16/30 RCS tagged w/RAM @ 100 - 110 BPM. ATP=2,980#, Max sand concentration 11 ppg, ISIP=2,260#	Fracture	10/11/1994	Spectra G-4000

Tubing String - Tubing (Drkd)

Grd	Item (in)	Comments	ID (in)	Thd	Jnts	Len (ft)	Top (ftKB)	Wt
	2.3740 in Tubing		1.9961	Buttress	206	6540.0	0.0	4.70
	6.5000 in Lok-Set Production Packer	w/FL Tool	2.4000	Buttress	1	6.0	6540.0	4.70
	2.3740 in Seating Nipple		1.6500	Buttress	1	1.0	6545.0	4.70

Tubing String - Tubing (Blinbry/Tubb)

Grd	Item (in)	Comments	ID (in)	Thd	Jnts	Len (ft)	Top (ftKB)	Wt
	2.3740 in Tubing		1.9961	Buttress	180	5719.0	0.0	4.70
	2.3740 in Seating Nipple		1.6500	Buttress	1	1.0	5719.0	4.70

Completions & Workovers

Reason for Workover	Reason for Failure	Date	Summary
Communication	Gen. Maint & Repair	6/8/1995	Communication - POOH w/both production strings. Release pkr, RIH w/bit & scraper. Set prod pkr @ 6555', test pkr @ 6545', pkr leaking. POOH & exchange pkrs. Set prod pkr @ 6559', test to 800#, hydro-test tbg to 5,000#, OK. RTP
Xylene well bore treatment	Gen. Maint & Repair	5/18/2000	Xylene well bore treatment - Pumped 460 gallons of xylene and 55 gal of solvent down drinkard tubing, shut well in and let it set overnight. Open well up, Swabbed back treatment fluids and well bore fluids. Mcf rate has increased from 700 mcf to 1000.

Formation/Horizon Tops

Frm. Code	Top (ftKB)
453YTES	2690.0

latest

[Faint, illegible handwritten notes]

Formation/Horizon Tops (con't)		
	Frm. Code	Top (ftKB)
453SVRV		2946.0
453QUEN		3504.0
453SADR		3981.0
453GLRT		5322.0
452BLBR		5771.0
452TUBB		6279.0
452DRKD		6570.0
452ABO		6848.0







