FORM 3160-4 (July 1992)					189 10 117.	MIT IN DUPI	LICATE*	FORM AP		
		UNI	TED STAT	TES /	18910111	2137 (Se	e other in-	OMB NO.	1004-0137 ebruary 28,	
	DE	PARTMEI	NT OF THE	E INTERIØF	₹' Α	<i>"</i> &**	herea cida)	Explies. F		ND SERIAL NO.
				NAGEMENT	יייז טטט	ત છે.	2 Side)	J. LEASE DE	NM-056	
				N	- JUH WA		55 1	+		OR TRIBE NAME
WELL	COMP	LETION O	R RECON	IPLETION F	REPORT	: U	Ġ*			
la. TYPE OF WOI				<u></u>	OCD - AK	F3W - 7	11	7. UNIT AGE	LEEMENT NAM	ME
		OIL WELL	G WE	AS LIL X DRY	Othe	رب مرکب	/			
1b. TYPE OF WEI	LL			٠٩٠٠ /و	- in-	ct/		<u>'</u>	Burton F	- -lat Deep Unit
NEW	work		-,		25262	70		8. FARM OR	LEASE NAME	
WELL X	OVER	DEEPEN	PLI BAC		Othe	r			BFDU#	44
2. NAME OF OPERAT								9. API WELL	NO.	
OCEAN ENE 3. ADDRESS AND TE		<u>C</u>							30-015-3	
1001 Fannin,	Suite 1600), Houston, T	(77002; Main	No. 713.265.60	000/713.265-0	5834 (Jear	nie)	ピステメ	MOCCOW	THAT
4. LOCATION OF V	VELL (Report	locations clearly ar	d in accordance wi	th any State requirement	nts.*)	300 / (00ai	,,,,	11. SEC., T., R	L, M. OR BLO	CK AND SURVEY
At Surface 355	D'FSL &	1660' FWL, 3	Sec. 3, Lot 1	4				OR AREA		
At top prod. Interval	reported below	w Same						Sec. 3. L	ot 14: T	215 . R27E
At total depth	Same		r 		 .					
At total deput	Same		14. PERM	IT NO.	DATE ISSU	^{ED} 4/22/02		Eddy Co		13. STATE
15. DATE SPUDDED	16. DATE T.D			(Ready to prod.)	18. ELEVATION	IS (DF, RKB, RT	GR, ETC.)	Ludy Co	unty, iviv	19. ELEV. CASINGHEAD
6/1/02 20. TOTAL DEPTH, M		7/8/02	10/12 KTD, MD & TVD		3200'	GR; 3222	0 RKB			
12600'	2600		D MD & IVD	22. IF MULTIPI HOW MAN		23. INTERVA DRILLED		ARY TOOLS		CABLE TOOLS
12498' MD		TV 11249' 1		' TVD		>		12498'		
24. PRODUCING INTE										25. WAS DIRECTIONAL SURVEY MADE
11162-11164';	11220-11	224'; 11203-1	1207' (Middle	Morrow sand)						
26. TYPE ELECTRIC A	ND OTHER LC	OGS RUN								NO 27. WAS WELL CORED
Dual Laterolo	g/Micro L	.aterlog; Con	npensated S							No
23. CASING SIZ	E/GRADE	WEIGHT, I	B/FT DE	CASING RECOR						T
13-3/8"/H-40		48#		620'	HOLE SIZE 17-1/2"	Surface,	500 sx	CEMENTING R	ECORD	AMOUNT PULLED
9-5/8"/J-55 7"/ L-80 & P1	10	40#		2810'	12-1/4"			sx CI H &		
17L-00 & FT	10	26#	 	12600'	8-3/4"	9650', 6	40 sx P	oz & CI F	1	
29.	·	LINE	R RECORD		****	30.		TUDING DE	CORD	
SIZE	TO	P (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE		TUBING RE DEPTH SET (N		PACKER SET (MD)
					+	2-7/8"	ļ	11039'		11098'
31. PERFORMATION	RECORD (Inte	erval, size and number	-)		32.	A CUD SIV	OT TD : 0			
INTERVAL			SIZE	NUMBER	DEPTH INT			TURE, CEM		EZE, ETC. ATERIAL USED
11162-11164	' - 2' @ 2	SPF - 5 hole	S		11162-					ary, 28501 20/40 Int
11220-11224	& 11203-	-11207' - 8' (D 1 SPF - 10) holes	11284-	11249'		/35' cement		PR
	•				11355'		7" Bake			
33.*				P	12280-1	2245	CIBP w	/35' cement	plug (see	wellbore schematic)
DATE FIRST PRODUC		PRODUCTION	METHOD (Flowing,	gas lift, pumpingsize and				T _v	VELL STATUS	(Producing or shut-in)
10/12/02 (Lo Mor		3 (M. Morrow)	· · · · · · · · · · · · · · · · · · ·	Flowing		*			Producin	. ,
DATE OF TEST	1	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OILBBLS	GASMCF.	,	WATERBBL.		GAS-OIL RATIO
2/14/03		24	<u> </u>	>	0	330		. (0.5	1
FLOW. TUBING PRESS	i. [CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GASMCF		WATER-		OIL GRAVITY-	API (CORR.)
50			>	o		330		0.5		
34. DISPOSITION OF G	AS (Sold, used f	or fuel, vented, etc.) Sold			*		. [TEST WITNESS		. ,
35. LIST OF ATTACHN	MENTS .					·			Gary Ker	ineay
Wellbore Sche	ematic, Lo	ogs, Deviatio	n survey, Fo	orm C-104				4		
36. I hereby certify tha	at the foregoin	· /			ned from all availa	ble records		-		
SIGNED	onie	11/0/	Kellan	TITLE	Sr. Regula	tory Spe	cialist		DATE	5/30/2003

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any persn knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

(

38.

GEOLOGIC MARKERS

FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC.	_	то	P
Capitan	770'			NAME	MEAS, DEPTH	TRUE VERT. DEPTH
Delaware	2810'		·		MENS, DELTH	VERT. DEI TIL
Bone Springs	5132'					٠
Bone Springs 1	6335'					
Bone Springs 2	7065'					
Bone Springs 3	8365'	_				
Wolfcamp	8740'			•		
Strawn	10440'					
Lo. Strawn	10462'	ľ				
Atoka	10550'			Angle Committee of the		
Morrow	10950'			•		
Morrow A	11070					
Morrow B	11113'	, i				•
Morrow C	11159'				i : I	
Morrow D	11229'			•		
Morrow, L.	11291		· .			
Barnett	11430'					
Mississippian	11782'					*
Woodford Shale	12250'					
Devonian	12308'	·				
			·			
	-					
•						
•		,				
			,	,		
		:				
					.]	
			A P			
			į į			
			•			

INCLINATION REPORT

DATE:

7/20/02

WELL NAME: LOCATION:

Burton Flat Deep Unit #44 Eddy County, New Mexico

OPERATOR:

OCEAN ENERGY, INC.

DRILLING CONTRACTOR: GREY WOLF DRILLING COMPANY, LP

Rig #33



I, Mike Reimers, do hereby certify, that the following inclination report was prepared in the office of GREY WOLF DRILLING COMPANY, LP in Alice, Texas, under my supervision, from records of said well, and is true and correct to the best of my knowledge:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
1 @	390	1/2 @	6205	1-1/4 @	11501		
1@	573	1 @	6759	1-3/4	11995		
1/2@	1075	1-1/2 @	7276	2	12193		
1-3/4@	1565	1-1/2 @	7798	2	12533		
2@	2103	2-3/4 @	8332				
1@	2607	2-1/2 @	8660				
1@	3100	1-3/4 @	9094				
1@	3594	1-3/4 @	9590				
1/2@	4177	1 @	10194				
1@	<u>4731</u>	1-3/4 @	10433				
1@	5226	1	10977				
1/4@	5718	1 @	11285				
							

Drilling Contractor:

Grey Wolf Drilling Company, LP

Mike Reimers, VP of Operations of GP

Subscribed and sworn to before me on this _	/ 5 /	day of _(August	, 2002.
---	------------------	-----------	--------	---------

My Commission Expires:

12-13-04

LIVIA GARCIA

Notary Public - State of Texas

County of Jim Wells

devon

DRILLING FLUID: DRILLING FLUID: DRILLING FLUID: COMPLETION FLUID PACKER FLUID:

OPERATOR:

LEASE / WELL:

OCEAN ENERGY, INC.

BURTON FLAT DEEP UNIT 44

SURVEY LOCATION: Sec. 3 - T21S - R27E WELL SKETCH: **CURRENT COMPLETION**

DRILLING RIG: COMPLETION RIG:

GREYWOLF 33 LUCKY

COUNTY / STATE: **EDDY COUNTY, NEW MEXICO** SURFACE LOCATION: 3555' FSL & 1660' FWL FIELD: **BURTON FLAT DEEP UNIT**

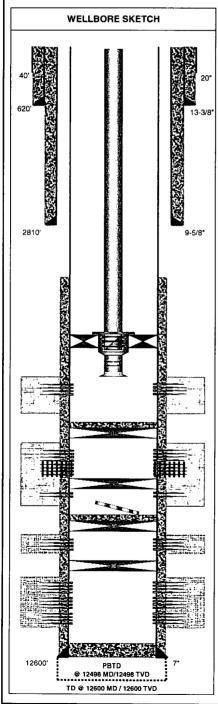
D	IRECTION	AL D	ATA	
KOP:	STRAIGH	T HOLE	=	
MAX DEV:	3.23	deg @	1,800	MD
DEV @ PERFS:	-	deg @	0	MD
DEV @ PERFS:		deg 🥝	0	MD
DEV @ PERFS:	2.36	deg 🥝	12,400	MD

	HILOHOI	175		~!~	
KOP:	STRAIGH	ТН	OL	E	
MAX DEV:	3.23	deg	0	1,800	MD
DEV @ PERFS:	-	deg	Ô	0	MD
DEV @ PERFS:		deg	0	0	MD
DEV @ PERFS:	2.36	deg	0	12,400	MD

DRILLING / C	ОМІ	PLETION FLUID
RILLING FLUID:	9.50	ppg - (Strawn/Atoka)
RILLING FLUID:	9.60	ppg - (Morrow)
RILLING FLUID:	9.80	ppg - (Devonian)
OMPLETION FLUID:	-	ppg -
ACKER FLUID:	8.60	ppg - 2% KCI

		TUB	ULAR DA	\TA		
Tubulars	Size	Weight	Grade	Thread	MD	TVD
DRIVE PIPE						
CONDUCTOR	20.000				40	40
SURFACE	13.375	48.000	H-40	STC	620	620
INTERMEDIATE	9.625	40.000	J-55	LTC	2,810	2,810
PRODUCTION	7.000	26.000	L-80	LTC	Surf-7633	Surf-7633
PRODUCTION	7.000	26.000	P-110	STC	7633-12600	7633-12600
PRODUCTION						
PROD LINER						
TUBING (Short String)						
TUBING (Long String)						
WORKSTRING	2.875	6.500	L-80	EUE 8rd	11,039	11,039

V	WELLHEAD DATA						
TYPE	٧	VOOD GROUP					
WP		5,000 psi					
Т .	FLANGE						
R A	Not Available						
1 5 5	THREAD	;					
E	2-7/8" 8rd						
TUBING HA	NGER:	Not Available					
BTM FL	ANGE:	Not Available					
BPV PF	OFILE:	2-1/2"					
ELEVAT	IONS:	GROUND					
RKB:	3220'	ELEVATION					
RKB-ELEV:	20'	3200'					



EQUIPMENT DESCRIPT	TION	O D	I D	LENGTH	DEPTH MD
RKB ELEVATION					20.00
1 Tubing Joint: 2-7/8" 6.5 lb/ft L-80 Et	JF 8rd	2.875	2,441	31.65	20.00
1 Pup Joint: 2-7/8" 6.5 lb/ft L-80 EUE		2.875	2.441	8.00	51.65
343 Tubing Joints: 2-7/8* 6.5 lb/ft L-80		2.875	2.441	11,038.85	59.65
2-7/8" x 3,25" Seal Assembly	, LOL GIG	3.250	2.395	9.38	33.03
2-1/6 X 3.23 Seal Assembly		3.230	2.393	9.36	
		 			
	· · · · · · · · · · · · · · · · · · ·				
		ļ			
ETOC at 9650' based on CBL dated 07/	15/02				
7" Weatherford 10K Arrow-Pak Seal Bo	re Retrievable Packer	5.938	3.250	4.75	11,098.50
Weatherford Concentric Coupling		5.938	3.250	0.57	11,103.25
Weatherford Seal Bore Extension		4.000	3.250	4.44	11,103.82
Weatherford Cross-Over Sub		5.938	2.406	1.130	11,108.26
2-3/8" OD, 4.7 lbs/ft, EUE 8rd L-80 Pup	Joint	2.375	1.995	11.790	11,109.39
2-3/8" OD Baker "F" Nipple with 1.875" I		2.375	1.875	0.850	11,121.18
2-3/8" OD, 4.7 lbs/ft, EUE 8rd L-80 Pup		2.375	1.995	1.950	11,122.03
2-3/8" OD Wireline Re-Entry Guide		2.375	1.995	0.470	11,123.98
MORROW SAND (MIDDLE)		2.073	1.000	0.470	11,124.45
Perforations: 11162'-11164' (2' @	2 enf - E Holos)	Frac'd Morro	w Middle 02/	02/03 with 49220	
11220'-11224' and 11203'-1120		Binary, 2850	20/40 Interp	rop at 12.2 BPM a	at 8967 psi.
		IISIP-4188 5	min=3706 1	0 min=3629 15 m	in=3559
	DVD	1011 =4100 3			0000.
35' Cement Plug	RKB	ļ,			
7" OWEN CIBP (01/19/03)	RKB	7.000			11,284.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER)		7.000		27/02 with 42000	11,284.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @	9 4 spf) 11/21/02	7.000 Frac'd Morro	w Lower 12/2	22/02 with 43000 (11,284.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (2	9 4 spf) 11/21/02 21' @ 4 spf)	7.000 Frac'd Morro 46000 20/40	w Lower 12/2 Carboprop at	22/02 with 43000 of 16 BPM at 9259 15 min=4235.	11,284.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (/ Squeezed 09/2'	9 4 spf) 11/21/02	7.000 Frac'd Morro 46000 20/40 5 min=4590	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary, osi. ISIP=5665
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291-11304' (13' @ Squeeze Perforations: 11315-11336 (/ Squeezed 09/23' 7" BAKER CIBP (11/23/02)	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02	7.000 Frac'd Morro 46000 20/40	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (/ Squeezed 09/2' 7" BAKER CIBP (11/23/02) Squeeze Perforations: 11362'-11367' 8	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf)	7.000 Frac'd Morro 46000 20/40 5 min=4590	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary, osi. ISIP=5665
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (2 7" BAKER CIBP (11/23/02) Squeeze Perforations: 11362'-11367' 8 Lost Fish: Computalog GR/CCL/Temp 1	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 3 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool	7.000 Frac'd Morro 46000 20/40 5 min=4590	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary, osi. ISIP=5665
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze O9/2: 7" BAKER CIBP (11/23/02) Squeeze Perforations: 11362'-11367' 8 Lost Fish: Computalog GR/CCL/Temp 1 35' Cement Plug ETOC = 12245'	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 3 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool	7.000 Frac'd Morro 46000 20/40 5 min=4590	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary, osi. ISIP=5665
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze O9/2; 7" BAKER CIBP (11/23/02) Squeeze Perforations: 11362'-11367' & Lost Fish: Computalog GR/CCL/Temp 1 35' Cement Plug ETOC = 12245' 7" OWEN CIBP	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 3 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool	7.000 Frac'd Morro 46000 20/40 5 min=4590	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (2 Squeeze Perforations: 3 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 3 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze O9/2; 7" BAKER CIBP (11/23/02) Squeeze Perforations: 11362'-11367' & Lost Fish: Computalog GR/CCL/Temp 1 35' Cement Plug ETOC = 12245' 7" OWEN CIBP	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11315'-11336 (i) Squeeze Perforations: 11362'-11367' 8 Lost Fish: Computalog GR/CCL/Temp 35' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (2 Squeeze Perforations: 11315'-11336 (2 Squeeze Perforations: 11362'-11367' & Lost Fish: Computalog GR/CCL/Temp 135' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ 6')	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (2 Squeeze Perforations: 11315'-11336 (2 Squeeze Perforations: 11362'-11367' & Lost Fish: Computalog GR/CCL/Temp 135' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ GUBP @ 12290' RKB	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (2 Squeeze Perforations: 11315'-11336 (2 Squeeze Perforations: 11362'-11367' & Lost Fish: Computalog GR/CCL/Temp 735' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ GUBP @ 12290' RKB DEVONIAN CARBONATE	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 3 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf)	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (2 7" BAKER CIBP (11/23/02) Squeeze Perforations: 11362'-11367' 8 Lost Fish: Computalog GR/CCL/Temp 35' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ 20' CIBP @ 12290' RKB DEVONIAN CARBONATE Perforations: 12403' - 12404' (1' @ 20' CIBP @ 12404' (1' @	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf)	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11362'-11367' 8 Lost Fish: Computalog GR/CCL/Temp 135' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ CIBP @ 12290' RKB DEVONIAN CARBONATE Perforations: 12403' - 12404' (1' @ 12407' - 12411' (4' @ 12411' - 12411' (4' @ 1241' - 12411' (4' @ 1241' - 12	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 3 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf) 1 2 spf) 2 spf) @ 2 spf)	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary. osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11315'-11336 (i) Squeeze Perforations: 11362'-11367' 8 Lost Fish: Computalog GF/CCL/Temp 1 35' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ GENERAL COMPANIAN CARBONATE Perforations: 12403' - 12404' (1' @ GENERAL COMPANIAN CARBONATE Perforations: 12403' - 12404' (1' @ GENERAL COMPANIAN CARBONATE Perforations: 12403' - 12404' (1' @ GENERAL COMPANIAN CARBONATE Perforations: 12403' - 12404' (1' @ GENERAL COMPANIAN CARBONATE Perforations: 12403' - 12404' (1' @ GENERAL COMPANIAN CARBONATE)	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf) 9 2 spf) 9 2 spf) 9 2 spf)	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary, osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11315'-11336 (i) Squeeze Perforations: 11362'-11367' 8 Lost Fish: Computalog GR/CCL/Temp 1 35' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ i) CIBP @ 12290' RKB DEVONIAN CARBONATE Perforations: 12403' - 12404' (1' @ i) 12416' - 12440' (24' @ i) 12451' - 12459' (8' @ i) TITAN 22.7 gram charge loaded a	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf) 2 spf) 2 spf) 2 spf) 2 spf) 2 spf) 1 2 spf) 2 spf) 1 2 spf)	7.000 Frac'd Morro 46000 20/40 5 min=4590 7.000	w Lower 12/2 Carboprop at	16 BPM at 9259	11,284.00 gal Binary, osi. ISIP=5665 11,355.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11362'-11367' & Squeeze Perforations: 11362'-11367' & Computation GR/CCL/Temp 35' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ CIBP @ 12290' RKB DEVONIAN CARBONATE Perforations: 12403' - 12404' (1' @ 12407' - 12411' (4' @ 12416' - 12440' (24' G 12451' - 12459' (8' @ 12451' - 12459' (8' @ 12451' - 12459' (8' @ 12451' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12467' - 12459' (8' @ 12451' - 12459' (8' @ 12467' - 12467' - 12	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf) 2 spf) 2 spf) 2 spf) 2 spf) 2 spf) 1 2 spf) 2 spf) 2 spf) 1 2 spf) 2 spf) 2 spf) 2 spf) 3 spf) 4 spf)	7.000 Frac'd Morrod 46000 20/40 5 min=4590 7.000 7.000	w Lower 12/7 Carboprop at 10 min=4405	16 BPM at 9259 15 min=4235.	11,284.00 gal Binary, osi. ISIP=5665 11,355.00 12,280.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11315'-11336 (i) Squeeze Perforations: 11362'-11367' & Lost Fish: Computalog GR/CCL/Temp 35' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ - CIBP @ 12290' RKB DEVONIAN CARBONATE Perforations: 12403' - 12404' (1' @ - 12416' - 12440' (24' (1) @ - 12416' - 12440' (24' (1) @ - 12416' - 12440' (24' (24' (24' (24' (24' (24' (24' (24	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf) 9 2 spf) 9 2 spf) 9 2 spf) 12 spf) 12 spf) 12 spf) 12 spf) 13 spf) 14 spf) 15 spf) 16 spf) 17 spf) 18 spf) 19 spf) 10 spf) 11 spf, 120 degree phasing and Penetration=33.68° API # 3 0 - 0 1 5 - 3 2 2 7 4	7.000 Frac'd Morro 48000 20/40 5 min=4590 7.000 7.000	w Lower 12/20 Carboprop at 10 min=4405	16 BPM at 9259 15 min=4235.	11,284.00 pal Binary, psi. ISIP=5665 11,355.00 12,280.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11362'-11367' & Lost Fish: Computation GR/CCL/Temp 35' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ CIBP @ 12290' RKB DEVONIAN CARBONATE Perforations: 12403' - 12404' (1' @ 12416' - 12440' (24' @ 12416' - 12440' (24' @ 12451' - 12459' (8' @ 1174N 22.7 gram charge loaded a Charge Perforance: EHD=0.40'	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf) 2 spf) 2 spf) 2 spf) 2 spf) 2 spf) 1 2 spf) 2 spf) 2 spf) 1 2 spf) 2 spf) 2 spf) 2 spf) 3 spf) 4 spf)	7.000 Frac'd Morro 48000 20/40 5 min=4590 7.000 7.000 PLUG BACK TOTAL WELL	w Lower 12/2 Carboprop at 10 min=4405 DEPTH:	16 BPM at 9259 15 min=4235.	11,284.00 gal Binary, osi. ISIP=5665 11,355.00 12,280.00
7" OWEN CIBP (01/19/03) MORROW SAND (LOWER) Perforations: 11291'-11304' (13' @ Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11315'-11336 (i Squeeze Perforations: 11362'-11367' & Lost Fish: Computation GR/CCL/Temp 35' Cement Plug ETOC = 12245' 7" OWEN CIBP DEVONIAN CARBONATE Perforations: 12317'-12325' (8' @ CIBP @ 12290' RKB DEVONIAN CARBONATE Perforations: 12403' - 12404' (1' @ 12416' - 12440' (24' @ 12416' - 12440' (24' @ 12451' - 12459' (8' @ 1174N 22.7 gram charge loaded a Charge Perforance: EHD=0.40'	2 4 spf) 11/21/02 21' @ 4 spf) 7/02 and 11/15/02 & 11368'-11373 (10' @ 6 spf) Tool/ 1/2 Ejector Tool RKB 4 spf) 9 2 spf) 9 2 spf) 9 2 spf) 12 spf) 12 spf) 12 spf) 12 spf) 13 spf) 14 spf) 15 spf) 16 spf) 17 spf) 18 spf) 19 spf) 10 spf) 11 spf, 120 degree phasing and Penetration=33.68° API # 3 0 - 0 1 5 - 3 2 2 7 4	7.000 Frac'd Morro 48000 20/40 5 min=4590 7.000 7.000	w Lower 12/2 Carboprop at 10 min=4405 DEPTH:	16 BPM at 9259 15 min=4235.	11,284.00 jal Binary, psi. ISIP=5665 11,355.00 12,280.00