•	Submit 3 Copies To Appropriate District Office State of New Mexico	Form C-103				
	District I District I Minerals and Natural Resources	June 19, 2008				
		WELL API NO.				
	District III 1301 W. Grand Ave., Artesia, NM 882MAR 17 OIL CONSERVATION DIVISION	30-025-09662 5. Indicate Type of Lease				
	District III 1000 Rio Brazos Rd., Aztec, NM 874400BBSOCU220 South St. Francis Dr.  District IV 1220 S. St. Francis Dr. Santa Fe. NM	STATE FEE S				
	District IV Santa Fe, NM 87505	6. State Oil & Gas Lease No.				
	1220 S. St. 1 tailois 151., Santa I C, 14141	306443				
Г	87505 SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name				
İ	(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	Cooper Jal Unit				
	1. Type of Well: Oil Well Gas Well Other	8. Well Number 140				
	2. Name of Operator  Resaca Operating Company	9. OGRID Number 263848				
	3. Address of Operator	10. Pool name or Wildcat				
L	2509 Maurice Road, Odessa, TX 79763	Jalmat; T-Y-7R/ Langlie Mattix; 7R-Q-G				
	4. Well Location					
		190 feet from the <u>East</u> line				
L	Section 25 Township 24S Range 36E	NMPM Lea County				
	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3290' GL					
L	3290 GL					
	12. Check Appropriate Box to Indicate Nature of Notice,	Report or Other Data				
	12. Check Appropriate Box to indicate Nature of Notice,	report of Other Data				
		SEQUENT REPORT OF:				
	PERFORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WORK	<del></del>				
	TEMPORARILY ABANDON	<del>-</del>				
	PULL OR ALTER CASING	JOB $\square$				
	OTHER: Add Perfs and Foam Sand Frac Jalmat   OTHER:					
	13. Describe proposed or completed operations. (Clearly state all pertinent details, and	give pertinent dates, including estimated date				
	of starting any proposed work). SEE RULE 1103. For Multiple Completions: Att	ach wellbore diagram of proposed completion				
	or recompletion.					
	1.) MIRU Pulling Unit and Above Ground Steel Pit; NU BOP; POOH w/ rods and tub	ing.				
	2.) Clean out to CIBP @ 3615'.	••••				
	3.) RU Wireline Co. & perforate Yates f/ 3006'-3210', 2 JHPF, 85', 170 holes.					
	4.) RU Service Company & prep to fracture stimulate well down 4 ½" work string.					
	5.) Foam Sand Frac Yates f/ 3006'-3210'& OH 3420'-3615' w/ approximately 105,00					
	<ul> <li>16/30 resin coated Brady Brown Sand plus 1.71 MMCF Nitrogen, diverting w/ 130</li> <li>6.) RD Service Company. Install adjustable choke manifold w/ pressure gauge. Flow b</li> </ul>					
	pressure and sand production until pressure depletes.	ack well & clean up well, monitoring				
	7.) POOH w/ 2 7/8" work string and lay down packer; clean out frac sand down to 361	5'.				
	8.) RIH w/ 2 7/8" tubing, pump and rods.					
	9.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids.					
S	pud Date: Rig Release Date:					
I	hereby certify that the information above is true and complete to the best of my knowledge	and belief.				
	$M_{A}I$					
S	IGNATURE TITLE Engineer Assistant	DATE 3/16/11				
	ype or print name <u>Melanie Reyes</u> E-mail address: <u>melanie reyes@resad</u>	caexploitation.com PHONE: (432)580-8500				
<u>r</u> (	or State Use Only	,				
A	PPROVED BY TITLE STATE MOR	DATE 4-11-2011				
C	onditions of Approval (if any):					
	`					

Contract Completion	N SCHEMATIC	LEASE NAME			Cooper Jal Un	it	· · · · · · · · · · · · · · · · · · ·		WELL NO 140
	TOTILIBATIO	STATUS:		Active	_ cooper our or	Oil	···		API# 30-025-09662
		LOCATION:			990 FEL, Sec 25, T - 2/	IS, R - 36E; Lee County	, New Mexico		74 III 30-023-03002
		SPUD DATE:			TD	3616	KB	3,296'	DF
		INT. COMP. [	DATE:	06/10/5	PBTD	3616 GEOLOGICAL DA	GL	3,290'	
			ELEC	TRIC LOGS:		GLOLOGICAL DA	<u>ua</u>	CORE	S, DST'S or MUD LOGS:
urface Csg	1 1 🐘								
Size: 11 in:		GR-N (6-11-	54 Schlumbe	erger)					
Set @: 286 ft									
s Cmt: 150									
Circ: Yes	1   🔛				HYROC	ARBON BEARING ZON	E DEPTH TOPS:		
OC @: surf									
OC by: circ	🕷		Yates @ 29	988.	Queen @ 3210'	Queen @ 357	5'		
<b>2</b>		!							
	cmt sqz csg lea 384 - 508'	K.							
	304 - 506	SURF.	9.5/9" 2.	1# LI 40 cot@	1 206' Cmtd w/150	CASING PROFILI	=		
	TOC @ 673'	PROD.				sxs - circ cmt to surf		tool @	1207' - pmp 100 sxs -
8	100 @ 673	LINER	None	4#, J-55 seila	7 3420 CITE U W/20	0 5X5 - 10C @ 2360			OC@ 673' f/ surf by calc.
		LINEIX	HOHE		CU	RRENT PERFORAT		1/2 - 1	OC @ 673 17 Sun by Calc.
		CSG. PERF	FS:				OPEN HOLE:		Langlie Mattix
1 1	DV Tool @ 1207						0		zangno matux
		18-Feb-87	Perf'd Ja	(Yates) f/ 29	89', 91', 93', 95', 97	', 99', 3001', 03', 05'	12', 17', 25', 2	7', 29', 3	31', 40', 42', 44', 46', 53', 58',
									, 78', 83', w/ 2 spf (86 holes total).
	1 1	18-Feb-87				65', & 69', w/ 2 spf (		,	, 10, 50, 2 opi (60 noise total).
	TOC@ 2380'						,		
	By Calc.								
		TUBING DE	ETAIL	5/6/2010			ROD DETAIL		5/6/10
		Length (ft)		Detail			Length (ft)		Detail
		2960	94	2 7/8" 6,5#	, J-55, 8rd EUE tbg		18	1	22' x 1 1/4" polish rod w/ 3/4" Pi
		5	5 1	5 1/2" x 2 7	7/8" TAC		0	1	1 1/4" x 1 1/2" x 12 liner
		556	18	2 7/8" 6.5#	t, J-55, 8rd EUE tbg		4	2	2', 2' - 7/8" K pony rods
	1. 🔯	1		2 7/8" SN			1125	45	3/4" steel K rods
<b>#</b>		4		2 7/8" Perf	Sub		2200	88	7/8" steel K rods
		31	1	3 1/2" Mud	Anchor		150	6	6 - 1 1/2" sinker bars
		3557	<i></i>	btm			2	1	2', 2' - 7/8" K pony rod
		ĺ					16	1	2 1/2" x 1 1/2" X 16' RHBC
	Yates @ 2988'						0	1	1 1/4" x 6' gas anchor
						,	3515		btm
		WELL HISTOR	RY SUMMARY	•					
	2989'		Initial com	pletion interv	al: 3420 - 3520' (Qu	ieen OH). Frac'd w/-	4.000 gals / 6.0	00#'s sa	and.
		10-Jun-54			3 GOR=4291	,	, 0		
		10-Jun-54	IP= 82 bc	opd, O bwpd, &					
		01-Jan-56	C/O frac s	and from 350	3 - 3520' (17' of fill)				
		01-Jan-56	C/O frac s Deepened	and from 350 d f/3520'-3616	6'. Acdz'd OH (3420	'-3616') w/5,000 gal			00#'s rock salt in 3 equal stages.
		01-Jan-56	C/O frac s Deepened Found back	and from 350 d f/3520'-3616 d 5 1/2" csg 1	<b>6'.</b> Acdz'd OH (3420 <b>f/384'-508</b> '. Sqz'd c	'-3616') w/5,000 gal sg leak w/200 sxs @	550 psi SIP. E	rld out	cmt & tst csg @ 300 psi. OK. Frac
	2989	01-Jan-56	C/O frac s Deepened Found bac OH (3420)	and from 350 d f/3520'-3616 d 5 1/2" csg t '-3616') w/37,	<b>6'.</b> Acdz'd OH (3420 <b>f/384'-508</b> '.  Sqz'd c 800 gals 40# X-L &	'-3616') w/5,000 gal sg leak w/200 sxs @ 82,000#'s 12/20 sar	) 550 psi SIP. E id (1.5 - 7 ppg)	rld out out out out of the state of the stat	cmt & tst csg @ 300 psi. OK. Frac 200#'s RS as diverter. AIR=24.9
		01-Jan-56	C/O frac s Deepened Found bac OH (3420' bpm. PM=	and from 350 d f/3520'-3616 d 5 1/2" csg t -3616') w/37, 3460 - 2250	<b>6'.</b> Acdz'd OH (3420 <b>f/384'-508</b> '. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi,	'-3616') w/5,000 gal sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C	) 550 psi SIP. E id (1.5 - 7 ppg) I/O sand f/3430	rld out	cmt & tst csg @ 300 psi. OK. Frac 000#'s RS as diverter. AIR=24.9 (185'). <b>Perf'd 2989'-3269' w/ 2 sp</b>
		01-Jan-56	C/O frac s Deepened Found bac OH (3420' bpm. PM= (96 holes	and from 350 d f/3520'-3616 d 5 1/2" csg f -3616') w/37, 3460 - 2250 total). Set Cl	6'. Acdz'd OH (3420 f/384'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz'	'-3616') w/5,000 gal sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'	9 550 psi SIP. E id (1.5 - 7 ppg) I/O sand f/3430 w/ 4,500 gals	rld out ( using 1) '-3616' ( 15% NE	cmt & tst csg @ 300 psi. OK. Frac 200#'s RS as diverter. AIR=24.9 (185'). <b>Perf'd 2989'-3269' w/ 2 sp</b> FE dropping 150 BSs. Very good
		01-Jan-56	C/O frac s Deepened Found bac OH (3420' bpm. PM= (96 holes ball action	and from 350 d f/3520'-3616 d 5 1/2" csg t -3616') w/37, 3460 - 2250 total). Set Cl p. PM= 3100-1	6'. Acdz'd OH (3420 f/384'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' l300 psi. AIR= 5 bpi	/'-3616') w/5,000 gal sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269' m, ISIP=450 psi, P5r	0 550 psi SIP. E d (1.5 - 7 ppg) d/O sand f/3430 w/ 4,500 gals nin=vac. Frac'd	rld out	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell
		01-Jan-56 18-Feb-87	C/O frac s Deepened Found bac OH (3420' bpm. PM= (96 holes ball action X-L water	and from 350 d f/3520'-3616 d 5 1/2" csg t -3616') w/37, d 3460 - 2250 total). Set Cl D PM= 3100-1 carrying 75,6	6'. Acdz'd OH (3420 f/384'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' I300 psi. AIR= 5 bpi 50#'s 12/20 sand f/	/'-3616') w/5,000 gal sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269' m, ISIP=450 psi, P5r 1.5ppg to 6 ppg cond	2 550 psi SIP. E d (1.5 - 7 ppg) d/O sand f/3430 w/ 4,500 gals nin≃vac. Frac'd centration. PM=	rld out ( using 1) '-3616' ( 15% NE perfs 2 4410 -	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell
	3183	01-Jan-56 18-Feb-87 23-Sep-91	C/O frac s Deepened Found bar OH (3420' bpm. PM= (96 holes ball action X-L water P15min= 1	and from 350 d f/3520'-3616 d 5 1/2" csg t -3616') w/37, 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg.	6'. Acdz'd OH (3420 1/384'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 1300 psi. AIR= 5 bpi 50#'s 12/20 sand f/ frac sand. Tried to Returned well to pro	N-3616') w/5,000 galsgleak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269' n, ISIP=450 psi, P5r 1,Spp to 6 ppg cond Dlg CIBP. Could not oduction.	2 550 psi SIP. Edd (1.5 - 7 ppg) dd (1.5 - 7 ppg) dO sand f/3430 w/ 4,500 gals nin=vac. Frac'd centration. PM=	rid out out out out out of the country of the count	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP.
		01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96	C/O frac s Deepened Found bar OH (3420' bpm. PM= (96 holes ball action X-L water P15min= Replaced Pulled rod	and from 350 1 f/3520'-3616 d 5 1/2" csg 1 -3616') w/37; 3460 - 2250 total). Set Cl p. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. ls & pmp. Dro	6'. Acdz'd OH (3420'd OH (3420'd OH (3420'd OH (3420'd OH )) 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' (300 psi. AIR= 5 bpi 50#'s 12/20 sand f' frac sand. Tried to Returned well to prop standing valve &	Y-3616') w/5,000 gal- sg leak w/200 sax @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269' m, ISIP=450 psi, P5r 1.5ppg to 6 ppg cond Dlg CIBP. Could not duction. tst tbg to 500 psi. T	2 550 psi SIP. E dd (1.5 - 7 ppg) d/O sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP	rid out out out out out of the country of the count	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). <b>Perf'd 2989'-3269' w1 2 sp</b> FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell 2594 psi. AIR=18 bpm, ISIP=1272
	3183	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96	C/O frac s Deepened Found bar OH (3420' bpm. PM= (96 holes ball action X-L water PL5min= Replaced Pulled rod Repaired of	and from 350 1 f/3520'-361t d 5 1/2' csg 1 -3616') w/37, 3460 - 2250 total). Set Cl DM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I s & pmp. Dro rod part & cha	6'. Acdz'd OH (3420'd OH (3420'd C87384'-508'. Sqz'd c 860 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' (1300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to frac yot standing valve & gangeout pmp. Returned well to prop standing valve & gangeout pmp. Returned.	Y-3616') w/5,000 gals sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. Cd perfs 2989 - 3269'm, ISIP=450 psi, P5r 1.5ppg to 6 ppg conc Dig CIBP. Could not oduction. tst tbg to 500 psi. To well to production	2 550 psi SIP. E dd (1.5 - 7 ppg) d/O sand f/3430 w/ 4,500 gals nin=vac. Frac'd centration. PM= . Pushed CIBP st OK. Change	orld out	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' v2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. p. Re-ran pmp & rods. PWOP.
	3183' 7 - R @ 3210'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97	C/O frac s Deepened Found bar OH (3420°) bpm. PM= (96 holes ball action X-L water P15min= 1 Replaced Pulled rod Repaired of C/O fill fro	and from 350 1 f/3520*-361f d 5 1/2" sg 4 -3616') w37; 3460 - 2250 total). Set Cl carrying 75,6 1089 psi. C/O 1 bad jt tbg. I sc pmp. Dro tod part & cha m 3592 - 361	6'. Acdz'd OH (3420'd OH (3420'd OH (3420'd OH (3420'd OH )3424. & psi. IFIP=1150 psi, IBP @ 3320'. Acdz'd 300 psi. AIR=5 bpi offrac sand. Tried to Returned well to prop standing valve & angeout pmp. Retui 5' (23'). Ran produi	Y-3616') w/5,000 gal- sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269' m, ISIP=450 psi, P5r 1.5ppg to 6 ppg cond Dig CIBP. Could not aduction. tst tbg to 500 psi. T rn well to production rin well to production ction equipment & re	2 550 psi SIP. E dd (1.5 - 7 ppg) /O sand f/3430 w/ 4,500 gals inin=vac. Frac'd centration. PM= . Pushed CIBP st OK. Change	orld out of using 10 (-3616' (15% NE perfs 2 4410 - to 3615) out pm	cmt & tst csg @ 300 psi. OK. Frac 2004/s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gelt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. p. Re-ran pmp & rods. PWOP.
	3183' 7 - R @ 3210'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 15-Oct-97 13-May-04	C/O frac s Deepened Found bar OH (3420') bpm. PM= (96 holes ball action X-L water P15min= Replaced Pulled rod Repaired in C/O fill fro POOH w/r	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37, 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. Is & pmp. Dro rod part & cha m 3592 - 361. ods. Couldn't	6'. Acdz'd OH (3420'd OH (3420'd OH (3420'd OH (3420'd OH )3420'd OH	Y-3616') w/5,000 gal- sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi, C d perfs 2989 - 3269' n, ISIP=450 psi, P5r 1.5ppg to 6 ppg cond DIg CIBP. Could not oduction. tst tbg to 500 psi. T rn well to production ction equipment & re tgged @ 3601', tally	2 550 psi SIP. E  dd (1.5 - 7 ppg)  //O sand f/3430  w/ 4,500 gals  ini=vac. Frac'c  centration. PM=  Pushed CIBP  st OK. Change  turned well to p  out of hole. Hy	orld out of using 10 (23616') (15% NE perfs 2 4410 - to 3618) out pm	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell 2594 psi. AIR=18 bpm, ISIP=127: 5' & left. Ran prod equip. PWOP. p. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP.
oduction Csq.	3183' 7 - R @ 3210'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06	C/O frac s Deepened Found bar OH (3420' bpm. PM= (96 holes ball action X-L water P15min= Replaced Pulled rod Repaired in C/O fill fro POOH w/r	and from 350 1 f/3520-3614 0 5 1/2" csg 1 -3616') w/37, 3460 - 2250 total). Set CI 0. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. 1s & pmp. Dro rod part & cha m 3592 - 361: ods, pmp & tb	6'. Acdz'd OH (3420'd OH (3420'd OH (3420'd OH (3420'd OH (3420'd OH (3420'd OH	Y-3616') w/5,000 gal- sg leak w/200 sax @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269' m, ISIP=450 psi, P5r 1.5ppg to 6 ppg cond Dlg CIBP. Could not duction. tst tbg to 500 psi. Tra rawell to production ction equipment & re tgged @ 3601', tally above SN. Hydrosy.	2 550 psi SIP. E dd (1.5 - 7 ppg) //O sand f/3430 w/ 4,500 gals nin=vac. Frac'd centration. PM= Pushed CIBP st OK. Change turned well to p out of hole. Hy st tig in hole to	orld out of using 10 (23616') (15% NE perfs 2 4410 - to 3618 out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gats 40# gelt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. p. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP. RiH w/ pump & rods. PWOP.
	7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08	C/O frac s Deepened Found bar OH (3420') Higher Ge holes ball action X-L water P15min= ' Replaced Pulled rod Repaired (C/O fill fro POOH w/r POOH with	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl by PM 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt ttg. 1 s & pmp. Dro tod part & cha m 3592 - 361 ods, pmp & tt h rods, pump	6'. Acdz'd OH (3420'd OH (3420'd OH (3420'd OH (3420'd OH )3424'-508'. Sqz'd c see	Y-3616') w/5,000 gal- sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269' m, ISIP=450 psi, P5r 1.5ppg to 6 ppg cond bluction. tst tbg to 500 psi. Tr m well to production tion equipment & re tgged @ 3601', tally above SN. Hydrotes est tubing in hole - fc	9 550 psi SIP. E dd (1.5 - 7 ppg) //O sand f/3430 //O sand f/3	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. totg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in	7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gats 40# gelt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. p. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP. RiH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in	7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	Y-3616') w/5,000 gal- sg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269' m, ISIP=450 psi, P5r 1.5ppg to 6 ppg cond bluction. tst tbg to 500 psi. Tr m well to production tion equipment & re tgged @ 3601', tally above SN. Hydrotes est tubing in hole - fc	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. totg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in t @: 3420 ft Cmt: 300	7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/ 2 sp FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gell 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. totg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in t @: 3420 ft Cmt: 300 Circ: No	7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' v2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gelli 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. on. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in t @: 3420 ft Cmt: 300 Circ: No C @: 673 f / sur	7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' v2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gellt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in of @: 3420 ft Cmt: 300 Circ: No C@: 673 f / sur	3183' 7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' v2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gellt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in of @: 3420 ft Cmt: 300 Circ: No C@: 673 f / sur	3183' 7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' v2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gellt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in of @: 3420 ft Cmt: 300 Circ: No C@: 673 f / sur	3183' 7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3618') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gelle 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. on. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in of @: 3420 ft Cmt: 300 Circ: No C@: 673 f / sur	3183' 7 - R @ 3210' 3250' 3269'  OH Interval 3420'-3616'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3616') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' v2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gellt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in of @: 3420 ft Cmt: 300 Circ: No C@: 673 f / sur	3183' 7 - R @ 3210' 3250' 3269'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3616') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' v2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gellt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in et @: 3420 ft Cmt: 300 Circ: No C@: 673 f / sun	3183' 7 - R @ 3210' 3250' 3269'  OH Interval 3420'-3616'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3616') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' v2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gellt 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. con. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in et @: 3420 ft Cmt: 300 Circ: No C@: 673 f / sun	3183' 7 - R @ 3210' 3250' 3269'  OH Interval 3420'-3616'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3616') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gelle 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. on. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
**Coduction Csg.** Size: 7 7/8 in Size: 5 1/2 in st @: 3420 ft Cmt: 300 Cire: No C @: 673 f/sur € C by: calc.	3183' 7 - R @ 3210' 3250' 3269'  OH Interval 3420'-3616'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3616') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gelle 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. on. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 7 7/8 in Size: 5 1/2 in et @: 3420 ft Cmt: 300 Circ: No C@: 673 f / sun	3183' 7 - R @ 3210' 3250' 3269'  OH Interval 3420'-3616'  Queen @ 3575'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3616') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gelle 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. on. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.
Size: 77/8 in Size: 51/2 in t@: 3420 ft Cmt: 300 Circ: No C@: 673 f/ sunt Ctr.	3183' 7 - R @ 3210' 3250' 3269'  OH Interval 3420'-3616'	01-Jan-56 18-Feb-87 23-Sep-91 18-Jan-96 10-Jun-96 15-Oct-97 13-May-04 20-Feb-06 15-Aug-08 05-May-10	C/O frac s Deepenec Found bac oh (3420') bpm. PM= (96 holes ball action X-L water P15min= 'Replaced Pulled rod Repaired C/O fill fro POOH w/r POOH w/r POOH with POOH	and from 350 1 f/3520'-361t d 5 1/2" csg 1 -3616') w/37', 3460 - 2250 total). Set Cl i. PM= 3100-1 carrying 75,6 1089 psi. C/O 1 bad jt tbg. I is & pmp. Dro rod part & cha m 3592 - 361; ods. Couldn't ods. pump h rods, pump	6'. Acdz'd OH (3420'd I/334'-508'. Sqz'd c 1/334'-508'. Sqz'd c 800 gals 40# X-L & psi. IFIP=1150 psi, IBP @ 3320'. Acdz' 31300 psi. AIR= 5 bpi 50#'s 12/20 sand f/' frac sand. Tried to Returned well to prop standing valve & angeout pmp. Retun 5' (23'). Ran productifish parted pmp. Tetun go, Found hole on tig., Found hole, and tubing. Hydrote and tubing. Ran pri	N-3616') w/5,000 gallsg leak w/200 sxs @ 82,000#'s 12/20 sar P15min=1070 psi. C d perfs 2989 - 3269'm, ISIP=450 psi, P57. I.5ppg to 6 ppg conduction. Ist tbg to 500 psi. T m well to production ction equipment & reuged @ 3601', tally above SN. Hydrotes set tubing in hole - feessure gradient at \$1.000 ft.	2 550 psi SIP. Edd (1.5 - 7 ppg) (70 sand f/3430 w/ 4,500 gals inin-vac. Frac'd centration. PM= . Pushed CIBP st OK. Change turned well to pout of hole. Hy st tbg in hole to und hole on jit at	orld out of using 16 (-3616') (15% NE perfs 2 4410 - to 3616') out pm oroduction drotest 6000#.	cmt & tst csg @ 300 psi. OK. Frac 200#s RS as diverter. AIR=24.9 (185'). Perf'd 2989'-3269' w/2 spi FE dropping 150 BSs. Very good 989'-3269' w/33,810 gals 40# gelle 2594 psi. AIR=18 bpm, ISIP=1272 5' & left. Ran prod equip. PWOP. pp. Re-ran pmp & rods. PWOP. on. tbg in hole to 7000#. PWOP. RIH w/ pump & rods. PWOP.