# State of New Mexico Submix to Appropriate District Online State Lease — 6 copies

Form C-105 Energy, Minerals and Nazural Resources Department Revised 1-1-89

WELL API NO.	24902
30-0	45-26862
5. Indicate Type of Leas	28
	STATE FEE X

LYNN SHELTON Title ENV. MGR. Date 8/27/96

DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATION DIVISION 2040 Pacheco St.
DISTRICT II P.O. Drawer DD. Artesia, NM 88210	Santa/Fe, NM 87505

5.	Indicate Type of		
		STATE	FEE X
一	0:14.0		

P.O. Diamer DD, 724-1						6	State Oil & C	as Lease No.	
DISTRICT III 1000 Rio Brazos Rd., Az							,,,,,,,,,,,		
WELL CO	OMPLETION C	R RECOM	PLETION REP	PORT A	ND LOG				
OIL WELL			OTHER C			701		or Unit Agreement l	
b. Type of Completion:		MING —	DEFF					WELL (C	LASS L)
METT OVER	Despren [	SACK	RESVR	11EX	·-		Disp	osal	
2. Name of Operator	UT REFIN	10 m } xdd	COMPANY	7	special section of the section of th			#1	
2 Address of Operator					A 1	1	. Pool name o	r Wildcat	
	Box 159						u julius <del>anno 1</del>	<u> </u>	
Unit Leve	I : 2442	Foet From	The SOUT	Н	Line and	<u>125 c</u>	Feet Fro	om The EA	IST Line
Section	27	Township	29 N	Range		W NM	PM	, etc.) 14. Elev	County
10. Date Spudded 12-17-93	11. Date T.D. Reach	ed   12. D	rate Compl. (Ready:	to Prod.)	13. Elev	Mogs (DF) CYC T	of 5544,	61 5530	. Cathighean
12-17-93	12-23-7	k T.D.	- 22 - 17	e Compl	How 18	Intervals	Rotary Tools	Cable 7	lools
15. Total Depth 3601			17. If Multipl Many Zot	3C6?	I/A	Drilled By	/	·ll	
19. Producing Interval(s)	of this completion	- Top, Bottom,	Name				2	). Was Directional S	_
DISPOSAL -		VERDE				<del></del>	22. Was Wel	<i>√0</i>	
21. Type Electric and Oth ELECTR	er Logs Run -IC INDUC	TION; 1	BOND LOG					NO	
23.			G RECORD		rt all strings	set in v	vell)		A PINE
CASING SIZE	WEIGHT LI	3/FT.	DEPTH SET	H	OLE SIZE	CEN	MENTING RI		PORT PROPERTY.
8518"	24#		856'	12		<u> </u>	and the	AUI	6 2 8 1996
512"	15.5	##	3601'	-	77/8"	57		AU.	7 2 0 1000
				<del> </del>				(0)11L (	roa mos
· · · · · · · · · · · · · · · · · · ·	<del></del>				*				
24.		LINER R	ECORD			25.	TU	BING RECORE	केत्रका॰ स
SIZE	TOP	BOTTON	M SACKS C	EMENT	SCREEN		SIZE	DEPTH SET	PACKER SET
						2 /	18" 6.5#	3584.10	3221 KB
26. Perforation reco	and (integral siz	e and numb	<u></u>		27. ACID	SHOT,	FRACTUR	E, CEMENT, SO	QUEEZE, ETC.
3276	- 2-14 1	3 16 H	HOLES		DEPTH IN	ERVAL	AMOU	NT AND KIND MA	ATERIAL USED
3216	55 1 1		a T		3452 -	3514'			7.1+01
•	45 X4	per ro	<i>5 1</i>		3274-	3324	150	D GAL 15	70 HC1
28.	<del></del>	D. duning Mr.	PRODI			ne nemo)		Well Status (Pr	od. or Shua-in)
Date First Production  N/A		Production Me	anou (r <i>iowe</i> y, gas	тут, рытр	og • sæ om 199	~ p=.+) 			
Date of Test	Hours Tested	Choke	Size Prod'n I		Oil - Bbl.	Gas - M	ICF \	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calcula Hour R	ated 24 Oil - B	bL	Gas - MCF	W	ater - BbL	Oil Gravity - /	API - (Corr.)
29. Disposition of Gas (	Sold, used for five i. s	renied, esc.)					Test W	itnessed By	
30. List Attachments	10 010	DE DU	I DANII TH	nno	المرم	16574	RN TRE	EATMENT	REPORT
30. List Attachments  DRILL  31. I hereby certify th	ING KEPE	shown on bo	th sides of this for	rm is tru	e and complete	to the bes	of my knowl	edge and belief	
SILI NETEUS CETTY SIN			, ,		•				

Printed Name

Pad Used: Yes No. No. Pad Type   Treating Fluid Type: Foam   Water   Acid   Oli   Treat, Fluid Vol.   1500   Gal   Treating Fluid Type: Foam   Water   Acid   Oli   Treat, Fluid Vol.   1500   Gal   Treating Pressure: Min.   400   Max.   900   Avg.   7.0   Customer Representative   BILLIE Ferrell, In   Stage   Total   Stage   Total   Stage   Total   Total   Propose   No.   No		/17/06	D:	strict F	ARMI	NGTON	F. R	ceipt						ANT REFINERY
SAN JUAN							Field		RAST	'N	L	ccation	SEC 2	26 T29N R11W
MESA VERIE   MARCH	9259 WD	SAN JU	AN S	a:9	NM		 Stag	e Numi	oar		<u> </u>	his Zone		This Well 🛛
Tubing Size   2 7/8   Wit.   15_56st From   SURFACE TO   TD   Linar Size   Wit.   Casing Perforations: Size   Linar Size   From   To   Casing Perforations: Size   Casing Casin	<u>ئىد</u> رەن ساما: ساماسىيىن	774 24 1 14 17 18 17 18							A THE PARTY OF		A			WECK VEDDE
Tubing Size 2 7/8   VII   15_56st From   SURFACE TO   TD   Linar Size   Wit	/=LL:DA	14 OO	NGC	)OM [	3 0	od W	יו בסי	NΠ	Misc.□	Depth T	TD/PXEX_	_3650_F	omatio	Said: 3224
To														
Inar Set From	asing Si	ze <u>5</u>	<u>1/2</u> WT	·	<u>15.5</u> 8	et From_	SURF	ACE_T	0	<u></u>	_Liner S	.zə	sing Pa	ordorations: Size
Intervals   37/0-3914   Prick Production   NONE	: Cat	Erom	Tο		Oper	Hole: S	ize						.5g . c	
REATMENT DATA    Pad Used: Yes   No® Pad Type   Treating Fluid Type: Foam   Water   Acid   Oli   Treat. Fluid Vol.   1500   Gal.   Ga			1.	inta	n/als	3776	1 <b>–</b> 17 14							
Pack     Pack	revious '	Treatmen	t <u>5</u>	000 G	AL 15	<u>%</u>	P	uot Éic	duction_	NONE				
Treating Pressure Pal   Surface	:					-M Dos	Tuno					_		LIQUID/GAS PUMPED AN
Treating Pressure: Min.   Ago   Max.   Ago	REATM	ENT DAT	A Pad L	Jsed: Y	es∐ N	Form	i iype i Wateri	Acidī		reat. Flu	uid Vol.	1500	Gal.	CAPACITIES IN BBLS.
Casing														
Annulus   Sand   WP-10   WP-30   Baux.   Other   Open Hole Cap.   Open H	}ase Flui -	d Type	10% Nit	HCL W	Slury!	⊒ Surfa	_bass. ace∏ D	ownho	le Tota	al Prop C	Qty		Lbs.	Casing Cap. 7.0
Prop Mash Sizes, Types and Quantities	oam Qu	al.:	% IVIIII	m WE	3.011). 2-3∏	Baux.∏	Othe	r						Annular Cap.
Mode   Loaded With   R20			_		·!									Open Hole Cap.
Stages or   Stag	حجا بأبان	ded Wish	T.	120		Treat	t Via: Tu	ubing⊠	Casin	g∐ Ar	nul. 🗆 📝	Tubing &	Anul.	
Treating Pressure: Min.   Mi	nois Loa Ball Saal	pic.		in			Stages o	of						
PROCEDURE	T.,	od Nijomba	r of Pump	s Used	1 A0	CID MA	STER_							Flush 12
PROCEDURE   SUMMARY   Pumper   Surface   Surry   Surface	Auxiliary	Materials	1500	) GAL	15%_1	HCL WI	TH AD	DS						
Total CO2	,													
SUMMARY   Treating Pressure-Psi	PROCE	DURE .	PUMP 15	500 GA	L 15	% HCL,	1470	GAL	HZU FI	USH				Total CO.
Treating Pressure: Min.   Surface	Considera													2
Treating Pressure: Min.   Treating Pressure: Min.   Annulus   Stage   Total   START HCL						Shirry	Surf	ace	00 000	Surf	ace	Nº Bate		0
STP   Annulus   Stage   Total   Stage   Total   Stage   Total   PT LINES	Time	Treating Pr	essure-Psi			Rate	CO, E	BLS.	1 - 1					Comments
9:54 0-2000 9:58 400 10:19 400 35 71 35 71 35 71 35 71 36 71 36 71 37 71 38 71					·	вРМ	<u> </u>	·	ВРМ					
9:58 400 9:58 400 10:09 900 36 36 4.2-3.0 10:19 400 35 71  Treating Pressure: Min. 400 Max. 900 Avg. 750 Customer Representative BILLIE FERREL Inj. Rate on Treating Fluid 3.0-4.2 Rate on Flush Dens Ib/Qal. *.34 Distribution				S:age	Total		Stage	Total	<del> </del>	Stage	1014		PT 1	LINES
10:09 900 36 36 4.2-3.0 START H2U FLUSH 10:19 400 35 71 SHUTDOWN  Treating Pressure: Min. 400 Max. 900 Avg. 750 Customer Representative BILLIE FERREI 1nj. Rate on Treating Fluid 3.0-4.2 Rate on Flush 4.2 Western Representative R. MARTINEZ						1, 2								
Treating Pressure: Min. 400 Max. 900 Avg. 750 Customer Representative BILLIE FERREI Inj. Rate on Treating Fluid 3.0-4.2 Rate on Flush Dens Ib/Gal, *.34 Distribution				36	36					-			STA	RT H20 FLUSH
Treating Pressure: Min. 400 Max. 900 Avg. 750 Customer Representative BILLIE FERREI Inj. Rate on Treating Fluid 3.0–4.2 Rate on Flush 4.2 Western Representative R. MARTINEZ													SHU'	TDOWN
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution	10.17	700							ļ			<del> </del> -		
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution													<del> </del>	
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution						ļ	<del> </del>				<del> </del>	-		
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution							<del>}</del>		-	<del> </del>		<u> </u>		
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution						-		<u> </u>	1					
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution							<del>                                     </del>						ļ	
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution										ļ		<del> </del>	<del> </del>	
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution							<u> </u>	ļ	ļ	<del> </del>	<del>                                     </del>	<del>                                     </del>	-	
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution							<del> </del>	ļ	<del>-\</del> -		<del> </del>		-	
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution				<del> </del>	<del>                                     </del>	<del> </del>			+		<del>                                     </del>	<b>†</b>		
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution			<del> </del>	-		+	+	<del>                                     </del>	<del>                                     </del>					
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution			<del> </del>		+	+							<del> </del>	
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution	<del></del>	-	+	<del> </del>	1					ļ		<del> </del>		
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution								1	_L	<u></u>	<u> </u>	<u> </u>		
Inj. Rate on Treating Fluid 3.0-4.2 Rate of Flush Dens Ib./gal. *.34 Distribution	Trantin	a Process	a: Min	/. (	<u> </u>	Max.	90	0Av	′g	750	Cu	stomer Re	present	ative BILLIE FERRELL
A C C C C C C C C C C C C C C C C C C C	ireatin In: Da	y Fressul	ting Floid	4\	3.0-	4.2		Rate o	n Flush _	4.2	We	stern Rep	resenta	tive R. MARTINEZ
rig. Hig. Flate			_	_		$\Gamma$	7. [ ] [ ]	- IIISD	LIBRIS. ID.	ruai.				
Final Shut-in Pressure In Minutes	myg. III								Migute	. c				
Operator's Maximum Pressure1000	Figal S	hut in Pre	ATHER			in			IAIIII O C					
	Figal S	hut in Pre	ATHER			in 1000								
Job Number Recommendation ID #	Final S Operat	hut-in Pre or's Maxi	essure mum Pres			in 1000			Viiiidte					

a;a 0	1/20/96	Dis	strict <u>F</u>	ARMIN	GTON	_F. Receipt _	L3962	242	_Operator _ Location	GIANT SEC 2	EXPLORATIO 8 T29N R11W	N
asa W	D #1	W	ell No		17.	Field <u>MESA</u> Stage Numb	A VERDE	<u> </u>	cosao.r _This Zone	X	8 T29N R11W This Well (X	
Second !	SAN JUA	NS∷	ate		INCI	0,295110:110			_ <del></del>			
					-			מינים מינים	a F	ormation	CLIFFHOUS	E-MENEF
ELL DA	474 OG	i∃ NGL	no.	7 OC	. Δ.	7 Seta	t: 34	<b>25</b>	e Packer_S	RIT	Set AtV Wt	ARIOUS
A (1973)	Tu:	oing Size .	<u> </u>	<u>0</u> \/	t From	SURFACE TO	o T	DLine	r Sizə		Wtforations: Size	
										asing Per	forations: Size	38
ner Set	From	10	leter	Tobe::	3452-	3324 Prior Bro						
les Pe	er Foot	4		Vais	<del>545</del> 2.	Priol Pro	duction_					
evious	reatmen	·									LIQUID/GAS P	IMPED AN
REATM	IENT DAT	A Pad L	Jsed: Y	esØ No	o□ Pad Foam□	Type <u>KCL</u> Water□ AcidΩ	<u>. Н20</u> ≰Оі□ Т	reat. Fluid V	ol5000	 )Gal.	CAPACITIES	S IN BBLS.
Cl	dd Tuno	15% H	CL	, 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Base Fluid Vo	l	10,105		Gal.	Tubing Cap	13.3
										1	Casing Cap	
on Tu	oe: Sandi		□ WF	°-3□	Baux.□	Other					711110101 00b	
יאן אט מא אטן	esh Sizes,	Types and	d Quanti	ties						<u> </u>	Open Hole Cap. Fluid to Load	
		7/ (	רכים זי		Treat	Via: Iudingla	Casino	]∐ Anul.[]	. Fuoing &	AHUI.L	Fluid to Load Pad Volume	
all Can	dore:		In			mages of				Į.	Treating Fluid _	117
											Flush	84.5
uxiliary	v Materials	5000	GAL_	<u> 15% H</u>	CL, 10	GAL I-22	, 25 GF	IL PERROI	ROL JOUL		Overflush Fluid to Recove	240.6
	PUMPED	AS TREA	TED B	ELOW							Total N <sup>2</sup>	
ROCE	EDURE .										Total CO2	
	MARY											
Time	Treating Pr	essure-Psi	Surf Slurry		Slurry Rate	Surface CO <sub>2</sub> BBLS. Pumped	CO, Rate	Surface Nº MSCF Pumped	N <sup>2</sup> Rate SCFM		Comments	
M/PM			Pum		ВРМ	Stage Total		Stage To:	al			
	STP	Annulus	Stage	Total	0-2.6						HOLE	
	0-250		15	15	0-2.7						ST SETT H2C	
1:15 1:23	0-750 750		5.0		0-2.7						ACID 1ST S	
1:23 1:37				56.0			<u> </u>				FLUSH 1ST	<u>PETT</u>
$\frac{1.57}{1:42}$			13.8	69.8	2.6-0					SHU	COWN ACID AWAY	
2:07	0-800		15.0	84.8	0-2.6		<del> </del>			TEST	BRIDGE PLUC	· · · · · · · · · · · · · · · · · · ·
2:28	1500		<u> </u>	101 0			<del> </del>				HEAD	
2:42	0-250				0-2.6						CACID 2ND	SETT
<u>-, 74</u>	1800	i	1	89.8			1			START	FLUSH 2ND	SETT
2:44	1000		1.0 0		4 / 4 ()							
2:44 3:03	800		48.0							SHUTI	NWOO	
2:44 3:03 3:07	800 200		13.0	150.8	2.6-0					PUMP	ACID AWAY	
2:44 3:03 3:07 3:30	800 200 900		13.0	150.8	2.6-C					PUMP TEST	ACID AWAY BP	
2:44 3:03 3:07 3:30 3:51	800 200 900 0-1500		13.0 1 15.0 6.9	150.8 165.8 165.8	2.6-0 0-2.6					PUMP TEST TEST	ACID AWAY BP BS	
2:44 3:03 3:07 3:30 3:51 4:37	800 200 900 0-1500 1000		13.0 1 15.0 6.9	150.8 165.8 165.8 172.3	2.6-0 0-2.6 7 0-2.6					PUMP TEST TEST H20	ACID AWAY BP BS AHEAD	
2:44 3:03 3:07 3:30 3:51 4:37 4:43	800 200 900 0-1500		13.0 1 15.0 6.9	150.8 165.8 165.8 172.3 172.3 176.9	2.6-0 3 0-2.6 7 0-2.6 9 2.6					PUMP TEST TEST H20	ACID AWAY BP BS AHEAD T ACID 3RD	SETT
2:44 3:03 3:07 3:30 3:51 4:37 4:43 4:45	800 200 900 0-1500 1000 8 0-800		13.0 1 15.0 6.9 4.2 36.0	150.8 165.8 165.8 172. 172. 176.9 212.	2.6-0 0-2.6 7 0-2.6 2.6 2.6					PUMP TEST TEST H20 STAR STAR	ACID AWAY BP BS AHEAD T ACID 3RD T FLUSH 3RD	SETT SETT
2:44 3:03 3:07 3:30 3:51 4:37 4:43 4:45 4:57 5:16	800 200 900 0-1500 1000 8 0-800 6 800 7 900 6 800		13.0 1 15.0 6.9 4.2 36.0 12.7	150.8 165.8 165.8 172.3 172.3 176.9 212.3 7 225.	2.6-0 3 0-2.6 7 0-2.6 2.6 2.6 6 2.4					PUMP TEST TEST H20 STAR STAR	ACID AWAY BP BS AHEAD T ACID 3RD	SETT SETT
2:44 3:03 3:07 3:30 3:51 4:37 4:43 4:45 4:57 5:16	800 200 900 0-1500 1000 8 0-800 6 800 7 900		13.0 1 15.0 6.9 4.2 36.0 12.7	150.8 165.8 165.8 172.3 172.3 176.9 212.3 7 225.	2.6-0 0-2.6 7 0-2.6 2.6 2.6					PUMP TEST TEST H20 STAR STAR	ACID AWAY BP BS AHEAD T ACID 3RD T FLUSH 3RD	SETT SETT
2:44 3:03 3:07 3:30 3:51 4:37 4:43 4:45 4:57 5:16	800 200 900 0-1500 1000 8 0-800 6 800 7 900 6 800 8 800	00	13.0 1 15.0 6.9 4.2 36.0 12.7	150.8 165.8 165.8 172. 172. 2176.9 212.9 7 225. 0 240.	2.6-0 30-2.6 3 70-2.6 2.6 2.6 2.6 62.4			800	Customer Re	PUMP TEST TEST H20 STAR STAR PUMP	BP BS AHEAD T ACID 3RD T FLUSH 3RD ACID AWAY	SETT SETT
2:44 3:03 3:07 3:30 3:51 4:43 4:43 4:45 5:16	800 200 900 1000 1000 8 0-800 6 800 7 900 6 800 3 800-20	oo re: Min.	13.0 1 15.0 6.9 4.2 36.0 12.7 15.0	150.8 165.8 172.3 172.3 172.3 212.4 7 225. 0 240.	2.6-0 3 0-2.6 3 7 0-2.6 2.6 2.6 2.4 6 2.4-1	1500 Av	'g	800	Customer Re	PUMP TEST H20 STAR STAR PUMP	BP BS AHEAD T ACID 3RD T FLUSH 3RD ACID AWAY	SETT SETT OMPSON CRABB
2:44 3:03 3:07 3:30 3:51 4:37 4:43 4:45 4:57 5:16 5:23	800 200 900 1000 1000 8 0-800 6 800 7 900 6 800 3 800-20 ing Pressulate on Tres	re: Min	13.0 1 15.0 6.9 4.2 36.0 12.7	150.8 165.8 172. 172. 2176. 212. 7 225. 0 240.	2.6-0 3 0-2.6 3 2.6 2.6 2.6 2.4-0 Max. 2.6	1500 Av	D 15	/aal 8.3	4Distribution	PUMP TEST H20 STAR STAR PUMP	ACID AWAY BP BS AHEAD T ACID 3RD T FLUSH 3RD ACID AWAY ative P. THO	SETT SETT OMPSON CRABB
2:44 3:03 3:07 3:30 3:51 4:37 4:43 4:45 4:57 5:16 5:23	800 200 900 1000 1000 8 0-800 6 800 7 900 6 800 3 800-20 ing Pressulate on Tres	re: Min	13.0 1 15.0 6.9 4.2 36.0 12.7	150.8 165.8 172. 172. 2176. 212. 7 225. 0 240.	2.6-0 3 0-2.6 3 2.6 2.6 2.6 2.4-0 Max. 2.6	1500 Av	D 15	/aal 8.3	4Distribution	PUMP TEST H20 STAR STAR PUMP	ACID AWAY BP BS AHEAD T ACID 3RD T FLUSH 3RD ACID AWAY ative P. THO	SETT SETT OMPSON CRABB
2:44 3:03 3:07 3:30 3:51 4:37 4:45 4:57 5:16 5:23 Treating Re Avg. I	800 200 900 0-1500 1000 80-800 800 7900 8800 8800 800-20 sing Pressulate on Treatinj. Rate	re: Minating Fluid 2.6	13.0 1 15.0 6.9 4.2 36.0 12.7 15.0	150.8 165.8 172. 172. 176. 2176. 2225. 0240.	2.6-0 30-2.6 370-2.6 2.6 2.6 62.4-1 	1500 Av Rate o 200 Flush	Dens. lb.	/gal. <u>8.3</u>	Distribution	PUMP TEST H20 STAR STAR PUMP	ACID AWAY BP BS AHEAD T ACID 3RD T FLUSH 3RD ACID AWAY ative P. THO	SETT SETT OMPSON CRABB
2:44 3:03 3:07 3:30 3:51 4:37 4:43 4:45 4:57 5:16 5:23 Treating Re Avg. I	800 200 900 0-1500 1000 80-800 800 7900 8800 8800 800-20 sing Pressulate on Treating, Rate	re: Minating Fluid 2.6	13.0 1 15.0 6.9 4.2 36.0 12.7 15.0	150.8 165.8 172. 172. 176. 2176. 2225. 0240.	2.6-0 30-2.6 370-2.6 2.6 2.6 62.4-1 	1500 Av	Dens. lb.	/gal. <u>8.3</u>	Distribution	PUMP TEST H20 STAR STAR PUMP	ACID AWAY BP BS AHEAD T ACID 3RD T FLUSH 3RD ACID AWAY ative P. THO	SETT SETT OMPSON CRABB

# WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery Well Name: SWD #1

Report No.: 1 Date: Jan. 18, 1996

Location: SE 27 29N 11W Field: Blanco Mesa Verde Supervisor: Paul Thompson Contractor: Drake Rig #22

### Work Summary:

Order out CaCO3 mud to kill well. Wait on mud. Mix gel and CaCO3 in 80 bbls of produced water. Not enough CaCO3 to raise weight above 8.7 ppg. Left well flowing to pond overnight. Will mix additional mud 1/19/96.

Daily Costs: 0 Tubulars: 0 Roads and Loc.: 0 Wellhead Equip .: 1,060 Rig Costs: 0 Subsurface Equip.: 0 Anchors: 0 Artificial Lift Eq.: Rig Move: 0 Sucker Rods: 0 Wireline: 0 0 0 Tanks: Packers, BPs,: 0 Separators, Dehys: Drilling Fluids: \*Flowlines: 0 0 Water: 0 Installation/Labor: 0 Bits and Mills: 0 Fittings, Valves, ect.: 0 Permits: Meters, LACT, ect.: 0 365 Supervision: 0 Electrical Equip.: 0 Trucking: 0 Misc.: 0 Drill Collars: 1,425 Total Daily Cost: Cumulative Cost:

# WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery Well Name: SWD #1

Date: Jan. 19, 1996 Report No.: 2

Field: Blanco Mesa Verde Location: SE 27 29N 11W Contractor: Drake Rig #22 Supervisor: Paul Thompson

#### Work Summary:

Well flowing to pond overnight. Shut in well and pressure built to 320# in 45 min. Wait on mud. Pumped 20 bbls of 10.0 ppg MgCl<sub>2</sub> down tubing. Tubing died. Nipple down wellhead and remove tubing donut. Nipple up BOP. Released packer and well started to flow up the tubing. Pumped 30 bbls of MgCl2 down tubing but tubing did not die. Very little flow from the casing. Worked pipe up and down to try and relax packer rubbers. Pumped another 30 bbls of MgCl2 down tubing but tubing did not die. Flowed tubing back to rig pit until it started making produced water. Installed stripper rubber and pulled two stands of 2-7/8" tubing. Well was flowing water 4' above the tubing. Shut in tubing and wait on mud. Mixed 30 bbls. of 12.0 ppg barite based mud. Killed tubing and TOH with a total of 97 jts. of 2-7/8" cement lined injection tubing. Well unloaded during last 5 stands. Change rams. Picked up 4-3/4" bit and 5-1/2" casing scraper on 2-3/8" workstring. TIH with 21 joints and shut down for dark. Left well flowing to pond through annulus.

Daily Costs:		
Roads and Loc.:	0	Tubulars: 0
Rig Costs:	2,056	Wellhead Equip.: 0
Anchors:	0	Subsurface Equip.: 0
Rig Move:	0	Artificial Lift Eq.: 0
Wireline:	0	Sucker Rods: 0
Packers, BPs,:	613	Tanks: 0
Drilling Fluids:	2,566	Separators, Dehys: 0
Water:	170	Flowlines: 0
Bits and Mills:	0	Installation/Labor: 0
Permits:	0	Fittings, Valves, ect.: 0
Supervision:	365	Meters, LACT, ect.: 0
Trucking:	0	Electrical Equip.: 0
Drill Collars:	0	Misc.:
BIIII COIIGIO.		Total Daily Cost: 5,770
		Cumulative Cost:

#### WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery Well Name: SWD #1

Date: Jan. 20, 1996 Report No.: 3

Field: Blanco Mesa Verde Location: SE 27 29N 11W Contractor: Drake Rig #22 Supervisor: Paul Thompson

#### Work Summary:

Well flowing to pond overnight. Finish TIH with bit and scraper. Found PBTD at 3525'KB. Bottom perf at 3514'. TOH and lay down bit and scraper. Pick up Mt. States RBP and packer on 2-3/8" workstring. Set RBP at 3520' and packer at 3425'. Establish rate into perfs from 3452' - 3514' with 2% KCl water. Acidize perfs with 1500 qal. of 15% HCl. Average injection rate = 2.6 BPM; Average treating pressure = 750#; maximum injection rate = 2.6 BPM; maximum treating pressure = 800#. ISIP = 100#. No pressure breaks during the treatment. Displaced acid below packer with 13.8 bbls of 2% KCl water and let acid soak for 20 min. Final pressure = 200#. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP. Reset RBP at 3433'KB and pressure tested to 1500# - held OK. Set packer at 3330'KB. Establish rate into perfs from 3346' -3416' with 2% KCl water. Acidize perfs with 2000 gal. of 15% HCl. AIR = 2.55 BPM; ATP = 800#; MIR =  $\overline{2}.6$  BPM; MTP = 800#. ISIP = 150#. No pressure breaks during the treatment. Displaced acid below packer with 13.0 bbls of 2% KCl water and let acid soak for 20 min. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP. Reset RBP at 3338'KB. RBP did not pressure test. Moved and reset RBP twice but it still did not test. Left RBP at 3343'KB. Set packer at 3236'KB. Pressure tested annulus to 1000# held OK. Establish rate into perfs from 3276' - 3324' with 2% KCl water. Acidize perfs with 1500 gal. of 15% HCl. AIR = 2.5 BPM; ATP = 800#; MIR = 2.5 BPM; MTP = 800#. ISIP = 100#. No pressure breaks during the treatment. Displaced acid below packer with 12.6 bbls of 2% KCl water and let acid soak for 15 min. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP and started TOH. Shut down for the night. Left well flowing to the pond.

Darra	COS	CD.		
Roads	and	Loc.	:	
Pia Ca	nete			2.0

Daile Cocte

Ruads and noc	•		_
Rig Costs:	2,056	Wellhead Equip.:	0
Anchors:	0	Subsurface Equip.:	0
Rig Move:	0	Artificial Lift Eq.:	0
Wireline:	0	Sucker Rods:	0
Packers, BPs,:	1,665	Tanks:	0
Drilling Fluids:	0	Separators, Dehys:	0
Acid:	5,646	Flowlines:	0
Bits and Mills:	0	Installation/Labor:	0
Permits:	0	Fittings, Valves, ect.:	0
Supervision:	365	Meters, LACT, ect.:	0
Trucking:	0	Electrical Equip.:	0
ilucating.	· ·		,732

Tubulars:

0

# WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery Well Name: SWD #1

Report No.: 4 Date: Jan. 21, 1996

Location: SE 27 29N 11W Field: Blanco Mesa Verde Supervisor: Paul Thompson Contractor: Drake Rig #22

#### Work Summary:

Finish TOH with packer and RBP. Lay down 2-3/8" workstring. Pick up Mt. States Arrowset I 5-1/2" packer on 97 jts (3202.92') of 2-7/8", 6.5#, J-55, EUE cement lined tubing and set packer at 3221'KB. Pumped 20 gal of packer fluid into annulus prior to setting packer. Set donut in wellhead. Pressure tested annulus but donut was leaking. Removed donut and will redress packing elements. Left well shut in overnight.

# WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery Well Name: SWD #1

Report No.: 5 Date: Jan. 22, 1996

Report No.. 5
Location: SE 27 29N 11W
Supervisor: Paul Thompson Field: Blanco Mesa Verde Contractor: Drake Rig #22

Work Summary:

Installed redressed donut. Pressure tested annulus to 1000#. Held OK. Nipple up wellhead. Tefteller retrieved tubing choke on wireline. Tubing pressure was 320#. Reconnected well to injection line. Rigged down and released rig. FINAL REPORT.

Daily Costs:		_ , ,	0
Roads and Loc.:	0	Tubulars:	0.70
Rig Costs:	758	Wellhead Equip ::	278
Anchors:	0	Subsurface Equip.:	0 -
Rig Move:	0	Artificial Lift Eq.:	0
Wireline:	525	Sucker Rods:	0
Packers, BPs,:	0	Tanks:	0
	ñ	Separators, Dehys:	0
Packer Fluids:	. 0	Flowlines:	0
Water:	0	Installation/Labor:	0
Bits and Mills:	0		Õ
Permits:	0	Fittings, Valves, ect.:	0
Supervision:	81	Meters, LACT, ect.:	U
Trucking:	800	Electrical Equip.:	0
Drill Collars:	0	Misc.:	0
Dilli Collais.	· ·		2,442
		Cumulative Cost:	•