Form 3160-4 (October 1990) UNITED STATES P.O. SUBSTITUTE DUPLICATE CO. 20 MENT OF THE INTERIOR STRUCTURE OF THE INTERIOR

SEDABELLE OF THE LUBERYOR					1.0.	v
DEPARTMENT OF THE INTERFOR	DEPARTI	MENT	OF	THE	INTERIC	R

FOR APPROVED OMB NO. 1004-0137 Expires: December 31, 1991

DEPARTMENT OF THE INTERPTOR BUREAU OF LAND MANAGEMENT ***********************************			OTMENIT .	AE TU	E INI	TEEMA	5	-testa other i	EXP	ires: Decem	10Cl 31, 1771
MORE WILL SILE STATE OF SHAPE IN THE CONTENTION REPORT AND LOG STATE SHAPE SHA		B	UREAU OF L	AND MAN	AGEME	NT	τ	reverse side	1		ON AND SERIAL NO
THE OF COMPLETION. THOUGH AND PLANT OF COMPLETION. THE AND PLANT OF COMPLETION. THOUGH AND PLANT OF COMPLETION. THE AND PLANT OF COMPL	WEI MIC	MAPI ETIO	N OP PECO	DAADI ETI	ION I	DEDODT.	AND	1 OG *	6. IF INDI	AN, ALLOTT	TEE OR TRIBE NAM
None A TYPE OF COMPLETION: SECT. Other STAND OR LIABS NAME, WELL'S						KEPOKI	AND	<u> </u>	None		
Thomas R. Sivley 3. ADDRESS AND TELEPHONE NO. 6509 Wilton Drive, Fort Worth, TX 76133 (817)292-3283 4. LOCATION OF WILL, Hyper leastess decays and in accordance with any State requirements? 4. LOCATION OF WILL, Hyper leastess decays and in accordance with any State requirements? All workers (160)FEL S. 1500FSL, S.28, F20S, R34E, Unit J, Lea County, New Mexico At top red. Interns reported below At total deeple clucing "Attention", Seven Rivers Ref. 15. Date seven Rivers Ref. 16. Date To. Balenton II. Note count. (Redge to prod.) 18. ELECATIONS [10. FELD AND III. 1. Lea County, NM 12. Taking on 11. 1-0-91 1 1-27-93 1 1-37-93		· ·	WELL	ı. 🔲 🛚 🛭 🔻	RY	Other			7. UNIT AC	GREEMINT	NAME
Thomas R. Sivley 3. ADDRESS AND TILEPHONE NO. 6509 Wilton Drive, Fort Horth, TX 76133 (817)292-3283 4. DOCATION OF WILLESH COUNTY, AND THE CONTROL OF STREET AND THE COUNTY,	L TYPE OF CO	*							None		
Thomas R. Sivley 3. ADDRESS AND TELEPHONE NO. 6509 Wilton Drive, Fort Worth, TX 76133 (817)292-3283 4. IACATION OF WILL (Report Decision Clearly and in accordance with any State requirement): At our face 1600EE L 51500FSL, S28, 720S, R34E, Unit J, Lea County, New Mexico At top Seven Rivers Reef. Producing Vates C", Seven Rivers Reef. At total depts Producing Zones: Yates C: 3679-82, Reef:3698' NSL-3057 Oct. 24, 1991 Lea County, NM 15. DATE TOTAL MILETING TO ANT COME. (Reed to prod.) 15. DATE TOTAL MILETING TO ANT COME. (Reed to prod.) 16. DATE TOTAL MILETING TO ANT COME. (Reed to prod.) 3703' 27. Yates C, Seven Rivers Reef. 3703 1-27-93 1-27		OVER I	N BACK	REN		Other			8. FARM	OR LEASI	E NAME, WELL N
30-025-3144] 30-025-3144] 30-025-3144] 30-025-3144] 4. DOCTION OF WILL INFORT Insertions of out Morth, TX 76133 (817)292-3283 4. DOCTION OF WILL INFORT Insertions of out Like and in accordance with any State requirements? At surface 1600EL & 1500FSL, S28, T20S, R34E, Unit J, Lea County, New Mexico At the second blues Producing Tates C", Seven Rivers Reef. At total days Producing Zones: Yates C: 3679-822, Reef: 3698! SLESS C28, T20S, R34E Unit J, Lea County, NM IS. DATE SPECIMEN 11-10-91 1-27-93 1-27-93 0.0Ct. 24, 1991 12-27-93 1-27-93 0.0Ct. 24, 1991 13- DATE SPECIMEN PRODUCTION IN AUXILIARY SOUTH CONTROL NAME (NR. Seven Rivers Reef.) 14- DOCTION SACE TAX NO AVER SPECIMEN TO AUXILIARY SOUTH CONTROL NAME (NR. Seven Rivers Reef.) 15- DATE SPECIMEN SACE TO AUXILIARY SOUTH CONTROL NAME (NR. Seven Rivers Reef.) 16- DATE SPECIMEN SACE TO AUXILIARY SOUTH CONTROL NAME (NR. Seven Rivers Reef.) 17- PRODUCTION SACE TAX NO AVER SACE OF SEVEN RIVERS (R. Seven Rivers Reef.) 21- PRODUCTION SACE AND AVER LOSS OF SACE CEMENT SACE OF SEVEN RIVERS (R. Seven Rivers Reef.) 22- WAS SELECTED AND AVER LOSS OF SACE CEMENT SACE OF SACE			•••						1		al No. 2
4. LOCATION OF WILL (Report Incestion clearly) and in accordance with any State requirements; 4. LOCATION OF WILL (Report Incestion clearly) and in accordance with any State requirements; At top process and the process of the pro								· · · · · · · · · · · · · · · · · · ·			
At under 600PEL 6 1500PSL, S28, F20S, R34E, Unit J, Lea County, New Mexic of 1500PSL, S28, F20S, R34E, Unit J, Lea County, New Mexic of 1500PSL, S28, F20S, R34E, Unit J, Lea County, New Mexic of 1500PSL 6 1				Jorth T	Y 76	133 (81	71202	.3283	1		
At surface 1600FEL & 1500FSL, \$28, \$720S, \$R34E, Unit J, Lea County, New Mexico At top prod. Interval reported below At top prod. Interval reported below Producing Zones: Yates C: 3679-82, Reef: 3698* 11-10-91 1-27-93 1			-	•		-	-		_ 1		
New Mexico At top prod. interval reported below Producing "Vates C", Seven Rivers Reef. At total depth Producing Zones: Yates C: 3679-82, Reef: 3698' NSL-3057 Oct. 24, 1991 15. Date seriosis 16. Date to. section 17. Date count. (Reefy to prod.) 18. Electrons (tor. sen. st. Ge. 28, T 205, R 34E Unit J. Lea County, NM 15. Date seriosis 16. Date to. section 17. Date count. (Reefy to prod.) 18. Electrons (tor. sen. st. Ge. sect.) 19		•	-			- •		County			
Producing Wates C", Seven Rivers Reef. 14. Fearing 80. Producing 20ness 14. Fearing 80. Yates C, 3679-82, Reef. 3698* NSL-3057 10ct. 24, 1991 12. COLVEY OR 12. GRAND 11-10-91 1-27-93 11-21-93 11-21-93 11-22-93 11-22-93 11-22-93 11-22-93 11-22-93 12. WHITTING COUNT. 12. WHITTING COUNT. 12. Seven Rivers Reef 13698-3703' 12. YEARS C, Seven Rivers Reef 13698-3703' 12. THE MANUAL CORRESPONDED TO THE CONTESTON - TOP, BOTTON, NAME (MD AND THE VOLUME	No	ew Mexico		-,,		,	,	,			
Tates C1 3679-82, Reef13698' NSL-3057 Oct. 24, 1991 Lea County, NM 15. DATE INSLEED COUNTY PARTY OF THE PRODUCTION NSL-3057 Oct. 24, 1991 Lea County NM 15. DATE SPCORD 16. DATE PRODUCTION NSL-3057 Oct. 24, 1991 Lea County NM 15. DATE SPCORD 16. DATE PRODUCTION NSL-3057 Oct. 24, 1991 Lea County NM 15. DATE SPCORD 16. DATE PRODUCTION NSL-3057 Oct. 24, 1991 Lea County, NM 15. DATE SPCORD 16. DATE PRODUCTION NSL-3057 Oct. 24, 1991 Lea County, NM 15. DATE SPCORD 16. DATE PRODUCTION NSL-3703				even Riv	ers R	eef.					
Yates C1 3679-82, Reef 3698' NSL-3057 DATE INSLED OUT. 24, 1991 12. COLATY ON IS. DATE INSLED OUT. 24, 1991 12. COLATY ON IS. DATE INSLED OUT. 24, 1991 13. PREFET IS. DATE INSLED OUT. 24, 1991 14. COLATY ON IS. DATE INSLED OUT. 24, 1991 15. DATE INSLED OUT. 24, 1991 16. DATE INSLED OUT. 24, 1991 17. CANTON COUNT. IS. DATE INSLED IS. DATE INSLED OUT. 24, 1991 18. ELEVATIONS (DP. RAM, TO., TO., TO., TO.) IS. DATE INSLED IS. DATE INSLED OUT. 24, 1991 18. ELEVATIONS (DP. RAM, TO., TO., TO., TO.) IS. DATE INSLED IS. DATE INSLED OUT. 24, 1991 IS. DATE INSLED OUT. 10, 1991 IS. DATE INSLED OUT. 10, 1991	At total depti	_									
15. DATE SECOND 16. DATE TO. RELCHED 17. DATE CONFL. (Ready to prod.) 18. ELEVATIONS (DF. REA. F. OL. ETC.)* 3711.3' 21. THE CONFL. 12. DATE TO. BE TO. REACHED 17. DATE CONFL. (Ready to prod.) 18. ELEVATIONS (DF. REA. F. OL. ETC.)* 3711.3' 28. THE CONFL. STATE OF THE CONFLETION TO THE CONFL. (Ready to prod.) 3714.3' 29. PRODUCTION INTERVAL STATE OF THE CONFLETION TO ROTTON, NAME (MD AND WEST C. Seven DELLES OF TOWN 3679-3762' SEVEN RIVER'S REEGE 3698-3703' 20. THE SLECTIC LAW DETER LOSE RY NOUTH TO BOTTON, NAME (MD AND WEST CENE) ROLL CORRECT SEVEN ROLL CORRECT SEVEN NOUTH TO PRODUCTION NOUTH TO PRODUCT SEVEN SEVEN NOUTH TO PRODUCT SEVEN NOUTH TO SEA SOUTH SEVEN NOUTH TO SEA SOUTH SEVEN SEVEN NOUTH TO SEA SOUTH TO SEA SOUTH TO SEA SOUTH SEVEN NOUTH TO SEA SOUTH T									12. COUNT	Y OR	13. STATE
11-10-91 1-27-93 1-27-93 1-27-93 3710.3* 28. TWALLESTH. BOD A TYD SILENDA SACK TO., MA A TYD STATE ALLE TOOLS 3703' 3703' 2 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•)			UCE. 2	24, 1991	Lea C	ounty	NM
3703' 3703' 2: YATES C, SEVEN 21. PRODUCTION BIES TOP (MD) BOTTOM (MD) BACKS CEMENT' SCREEN (MD) AMOUNT AND KIND OF MATERIAL USED 32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE ETC. Depth from Marky according to the control of the co		1 * * * * * * * * * * * * * * * * * * *	4		(Ready to	o prod.) 18			RT, GR, ETC.)		
21. YALES C, Seven 22. YALES C, Seven 23. PRODUCTION 24. PRODUCTION 25. PRODUCTION 26. PRODUCTION 27. WAS WALL CORRECT 27. WAS WALL CORRECT 28. CARRING RECORD (Report all strings set in writ) 28. CARRING RECORD (Report all strings set in writ) 29. CARRING RECORD (Report all strings set in writ) 29. CARRING RECORD (Report all strings set in writ) 29. CARRING RECORD (Report all strings set in writ) 29. CARRING RECORD (Report all strings set in writ) 20. CARRING RECORD (Report all strings set in writ) 20. CARRING RECORD (Report all strings set in writ) 20. CARRING RECORD (Report all strings set in writ) 20. CARRING RECORD (Report all strings set in writ) 20. CARRING RECORD (Report all strings set in writ) 21. WAS WALL CORRED NO NO 22. AMOUNT PULLED 23. CARRING RECORD (Report all strings set in writ) 24. CARRING RECORD (Report all strings set in writ) 25. LINER RECORD 12.25" 800 Sacks cemented to Surft. 26. LINER RECORD 12.25" 800 Sacks cemented to Surft. 27. WAS WALL CORRED NO NO 28. CARRING RECORD (Report all strings set in writ) 29. LINER RECORD 12.25" 800 Sacks cemented to Surft. 29. LINER RECORD 12.25" 800 Sacks cemented to Surft. 20. Sacks cemented to Surft. 20. Sacks cemented to Surft. 20. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC. 21. PERPORATION RECORD (Intercel, size and number) 22. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC. 23. DEPTH INTERVAL (MD) ANOUNT AND KIND OF MATERIAL USED 34. PRODUCTION 24. CARLING RECORD (Record Size PROOF) 25. DEPTH INTERVAL (MD) ANOUNT AND KIND OF MATERIAL USED 36. DEPTH INTERVAL (MD) ANOUNT AND KIND OF MATERIAL USED 37. DEPTH INTERVAL (MD) ANOUNT AND KIND OF MATERIAL USED 38. PRODUCTION PRODUCTION PROOFT PR			11								
24. FRODUCTION INTERVAL(8), OF THIS CONFLICTION—TOP, BOTTOM, NAME (ND AND PHATVETSREET) A THE SLECTRIC LAW OFFREE LOGS BITN Neutron Density Log—(Surf. to 3665') 3665—3703 Drilling Log/Times 27. WAS WELL CORRECTED NO 28. CASING RECORD (Report all strings set in writ) 27. WAS WELL CORRECTED NO 28. CASING RECORD (Report all strings set in writ) 27. WAS WELL CORRECTED NO 28. CASING RECORD (Report all strings set in writ) 29. CASING RECORD (Report all strings set in writ) 29. CASING RECORD (Report all strings set in writ) 20. CASING RECORD (Report all strings set in writ) 21. WAS WELL CORRECTED AMOUNT FULLED NO 22. AND SACKS CEMENT RECORD AMOUNT FULLED STRING RECORD STRING RECORD (Interval, size and number) 22. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC. 23. PROPORATION RECORD (Interval, size and number) 22. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC. 24. DEPTH INTERVAL (MD) AMOUNT AND HIND OF MATERIAL USED AND HIND OF MATERIAL USED 25. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC. 26. DEPTH INTERVAL (MD) AMOUNT AND HIND OF MATERIAL USED 27. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC. 28. DEPTH INTERVAL (MD) AMOUNT AND HIND OF MATERIAL USED 29. DEPTH INTERVAL (MD) AMOUNT AND HIND OF MATERIAL USED 20. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC. 20. DET OF TEST PRODUCTION TEST PROPON. FOR OIL—BELL CASH—NOT. WATER—BELL USED OF ST. O PSI 21. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC. 22. Sobl. —N— 10. bbl. 30. O/100% 25. DESCRIPTION OF GAS (Sold, used for field, cented, etc.) 22. DEPTH INTERVAL (MD) AMOUNT AND HIND OF MATERIAL USED 25. DEPTH ST. WITNESSED BY JURY PROPONTION OF GAS (Sold, used for field, cented, etc.) 26. DEPTH ST. WITNESSED BY JURY PROPONTION OF GAS (Sold, used for field, cented, etc.) 27. TEST WITNESSED BY JURY PROPONTION OF GAS (Sold, used for field, cented, etc.) 28. DEPTH ST. WITNESSED BY JURY PROPONTION OF GAS (Sold, used for field, cented, etc.) 29. DEPTH ST. WIT		ID & TVD Z1. P		1	HOW M.	ANY*	- 1				
Seven Rivers Reef: 3698-3703' 28. TIPE ELECTRIC AND OFFREE LOCES BY: Neutron Density Log-(Surf. to 3665') 3665-3703 Drilling Log/Times 27. Was Well Correct No Office Size CASING RECORD (Report all strings set in writ) 28. CASING RECORD (Report all strings set in writ) 8-5/8" #24 J55 1680' 12.25" 800 Sacks cemented to Surf. 5-3/8" #14 J55 3664' 8.00" 725 Sacks cemented to Surf. 29. LINER RECORD SIZE DEPTH SET (MD) SIZE DEPTH SET (MD) FACKER SET (MD) 29. LINER RECORD SO TUBING RECORD SIZE DEPTH SET (MD) FACKER SET (MD) 20. TUBING RECORD SIZE DEPTH SET (MD) FACKER SET (MD) 20. TUBING RECORD SIZE DEPTH SET (MD) FACKER SET (MD) 20. TUBING RECORD SIZE DEPTH SET (MD) FACKER SET (MD) 20. TUBING RECORD SIZE DEPTH SET (MD) FACKER SET (MD) 21. TERPORATION RECORD (Interval, set and number) 32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 33. PROPULTION PRODUCTION PRODUCTION METHOD (Flowing, pas lift, pumping) - size and type of pump) WELL STATUS (Producing or 1-27-93) Pumping: 2" x 4" Travel Brl. Pump. 33. PRODUCTION PRODUCTION PRODUCTION PRODUCTION PROPERTY PROPE	· -	 		2:	Yate	s C, Sev	en erskec		Kotary		
Neutron Density Log-(Surf. to 3665') 3665-3703 Drilling Log/Times 27. Was well correct No				or, bollow,		LD AND IVD)					
Neutron Density Log-(Surf. to 3665') 3665-3703 Drilling Log/Times NO CASING RECORD (Report all strings set in well) CASING RECORD (Report all strings set in well) 8-5/8" #24 J55 1680' 12.25" 800 Sacks cemented to Surf. 5-3/8" #14 J55 3664' 8.00" 725 Sacks cemented to Surf. 28.	Seven Ri	vers Reef:	3698-3703	3 •						Fr	omSurf36
Neutron Density Log-(Surf. to 3665') 3665-3703 Drilling Log/Times NO CASING RECORD (Report all strings set in well) 1008 SIZE OF CREATIVE MEDITAL LR/FT. S-5/8" #24 J55 1680' 12.25" 800 Sacks cemented to Surf. 5-3/8" #14 J55 3664' 8.00" 725 Sacks cemented to Surf. 28. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTON (MD) BACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 31. PERFORATION RECORD (Interval, size and number) Open Hole from 3664 to 3703' PRODUCTION DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 33.* PRODUCTION PRODUCTION PRODUCTION METHOD (Flowing, pas kijl, pumping—size and type of pump) DATE FIRST PRODUCTION METHOD (Flowing, pas kijl, pumping—size and type of pump) 1-27-93 Pumping: 2" x 4" Travel Brl. Pump. DATE OF TEST HOLES TESTED CHOKE SIZE PROD'N. FOR OIL—BBL. GAR—MCF. WATER—BBL. OLEOUIC RATIO OPEN TEST PERSON FROM COMPANY AND KIND OF MATERIAL USED DATE OF TEST AND AND COMPANY AN	26. TYPE ELECTRIC	AND OTHER LOGI	B RUN						·	1 27. WAS	WELL CORED
AMOUNT PULLED 8-5/8" #24 J55 1680' 12.25" 800 Sacks cemented to Surf. 5-3/8" #14 J55 3664' 8.00" 725 Sacks cemented to Surf. 29.	Neutron I	Density Log	g-(Surf. to	3665')	3665	-3703 Dr	illing	g Log/Ti	mes		
CASING NIZE/GRADE WEIGHT, LE/FT. DEPTH RET (ND) HOLE SIZE COP OF CEMENT. CEMENTING RECORD AMOUNT PULLED 8-5/8" #24 J55 1680' 12.25" 800 Sacks cemented to Surf. 5-3/8" #14 J55 3664' 8.00" 725 Sacks cemented to Surf. 28. LINER RECORD 30. TUBING RECORD SIZE DEPTH SET (ND) PACKER SET (ND) 2-3/8" 3687' 31. PERFORATION RECORD (Interval, size and number) 2-3/8" 3687' 32. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (ND) AMOUNT AND EIND OF MATERIAL USED DEPTH INTERVAL (ND) AMOUNT AND EIND OF MATERIAL USED AND THE PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) AND	29.	-	CA	SING RECO	RD (Rep	ort all strings	set in we	11)			
SIZE TOP (MD) BOTTOM (MD) BACKS CEMENT* SCREEN (MD) SIZE DEFTH SET (MD) PACKER SET (MD) 31. FERFORATION RECORD (Intervel, size and number) Open Hole from 3664 to 3703* PRODUCTION PATE PIRET PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) DATE OF THET HOURS TESTED CHOKE SIZE PRODUCTION PUMPING: 2 ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED AMOUNT AND KIND OF MATERIAL USED PRODUCTION PROPER PROPER OF PUMP. (PROPER PROPER PR	CASING SIZE (CT.										
28. LINER RECORD SIZE TOP (MD) BOTTOM (MD) BACKS CEMENT* SCREEN (MD) 30. TUBING RECORD SIZE DEPTH SET (MD) PACKER SET (MD) 2-3/8" 3687' 31. PERFORATION RECORD (Interval, size and number) Open Hole from 3664 to 3703' PRODUCTION DATE PIRET PRODUCTION 1-27-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) DATE OF TEST Jan, 30.93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) DATE OF TEST Jan, 30.93 72 CHOKE SIZE PROD'N. FOR OPEN TEST PERIOD 6.75 bbl TSTM 321 Bbls. O/100% PLOW. TUBING RECORD WELL STATUS (Producing or shuf-mp tumping) Shuff-mp tumping GAS—MCF. WATER—BBL. O PSI	CASING SIZE/GRAD	E WEIGHT, LI	I./FT. DEPTH	SET (MD)	ног	LE SIZE	LOB	OF CEMENT.	EMENTING RECO	RD	AMOUNT PULLED
SIZE TOP (MD) SOTTOM (MD) SACKS CEMENT* SCREEN (MD) 31. PERFORATION RECORD (Interval, size and number) Open Hole from 3664 to 3703* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-27-93 DATE OF REST Jan. 30.9 3 72 OPEN PROD'' FROD'' F		— 			i					·I_	
SIZE TOP (MD) SOTTOM (MD) SACKS CEMENT* SCREEN (MD) 31. PERFORATION RECORD (Interval, size and number) Open Hole from 3664 to 3703* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-27-93 DATE OF REST Jan. 30.9 3 72 OPEN PROD'' FROD'' F	8-5/8"	#24 J5!	1680)•	12	.25"	800 S	acks ce	mented t	o Surf	•
SIZE TOP (MD) SOTTOM (MD) SACKS CEMENT* SCREEN (MD) 31. PERFORATION RECORD (Interval, size and number) Open Hole from 3664 to 3703* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-27-93 DATE OF REST Jan. 30.9 3 72 OPEN PROD'' FROD'' F	8-5/8"	#24 J5!	1680)•	12	.25"	800 S	acks ce	mented t	o Surf	•
31. FERFORATION RECORD (Interval, size and number) Open Hole from 3664 to 3703' PRODUCTION DATE FIRST PRODUCTION PRODUCTIO	8-5/8"	#24 J5!	1680)•	12	.25"	800 S	acks ce	mented t	o Surf	•
31. PERFORATION RECORD (Interval, size and number) Open Hole from 3664 to 3703' PRODUCTION DATE PIRET PRODUCTION 1-27-93 Pumping: 2" x 4' Travel Brl. Pump. PRODUCTION DATE OF TRET Jan. 30.93 72 OPEN CHOKE SIZE PROD'N. FOR TEST PERIOD CHOKE SIZE PROD'N. FOR TEST PERIOD 6.75 bbl. TSTM 321 Bbls. 0/100% PLOY. TUBING PRESSURE CALCULATED O PSI O PSI O PSI O PSI 34. DIRPOSITION OF GAR (Sold, used for fuel, cented, etc.) -0- Gas pressure (to Small To Measure) 35. LIST OF ATTACHMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete land correct as determined from ill available records	8-5/8" 5-3/8"	#24 J5!	5 1680 5 3664)*	12	.25"	800 S 725 S	acks ce	emented t	o Surf	•
Open Hole from 3664 to 3703* DEPTH INTERVAL (MD) AMOUNT AND EIND OF MATERIAL USED 33.* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-27-93 Pumping: 2" x 4" Travel Brl. Pump. DATE OF THET Jan. 30.93 72 OPEN CHOKE SIZE PROD'N. FOR PROD'N. FOR OPEN TEST PERIOD 6.75 bbl. ISTM 321 Bbls. O/100% PLOW: TUSING PRESSURE O PSI O PSI O PSI CALCULATED O PSI O PSI CALCULATED O PSI O PSI O PSI CALCULATED O PSI CALCULATED O PSI O PSI O PSI CALCULATED O PSI CALCULATED O PSI O PSI O PSI O PSI O PSI CALCULATED O PSI O PSI O PSI O PSI O PSI CALCULATED O PSI CALCULATED O PSI	8-5/8" 5-3/8"	#24 J55	1680 3664 LINER RECOR)'	12	.25"	800 S 725 S	Sacks Ce	emented to	o Surf	•
Open Hole from 3664 to 3703* DEPTH INTERVAL (MD) AMOUNT AND EIND OF MATERIAL USED 33.* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-27-93 Pumping: 2" x 4" Travel Brl. Pump. DATE OF THET Jan. 30.93 72 OPEN CHOKE SIZE PROD'N. FOR PROD'N. FOR OPEN TEST PERIOD 6.75 bbl. ISTM 321 Bbls. O/100% PLOW: TUSING PRESSURE O PSI O PSI O PSI CALCULATED O PSI O PSI CALCULATED O PSI O PSI O PSI CALCULATED O PSI CALCULATED O PSI O PSI O PSI CALCULATED O PSI CALCULATED O PSI O PSI O PSI O PSI O PSI CALCULATED O PSI O PSI O PSI O PSI O PSI CALCULATED O PSI CALCULATED O PSI	8-5/8" 5-3/8"	#24 J55	1680 3664 LINER RECOR)'	12	.25"	800 S 725 S	Sacks Ce	emented to	o Surf	•
33.° PRODUCTION DATE FIRST PRODUCTION 1-27-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shad-in-pumping) DATE OF TEST HOURS TESTED CHOKE SIZE PRODUCTION FROM CAS-MCF. WATER—SBL. CAS-OIL BATIO Jan. 30.93 72 OPEN CAS-MCF. WATER—SBL. CAS-OIL BATIO OPEN OPEN CAS-MCF. WATER—SBL. O/100% FLOW: TURING PRESSURE CALCULATED OIL—BBL. CAS-MCF. WATER—HBL. OIL GRAYSTY-API (CORE.) O PSI O PSI OPEN OPEN OIL—BBL. CAS-MCF. WATER—HBL. OIL GRAYSTY-API (CORE.) 34. DISPOSITION OF CAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY O— Gas pressure (to Small To Measure) OIL—BBL. OIL GRAYSTY-API (CORE.) TEST WITNESSED BY Dan Berry, Eunice, NM 35. LIST OF ATTACEMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete land correct as determined from all available records	8-5/8" 5-3/8" 29.	#24 J59	LINER RECOR	RD SACKS CE	12	.25" .00" SCREEN (M)	800 S 725 S	size 2-3/8"	TUBING REDEPTH SET (O Surf	PACKER SPT (MD)
PRODUCTION DATE PIRST PRODUCTION 1-27-93 Pumping: 2" x 4" Travel Brl. Pump. DATE OF THEST Jan. 30.93 72 OPEN TEST PRODUCT TEST PRODUCT OPEN TEST PRODUCT TEST PRODUCT OPEN TEST PRODUCT TEST PRODUCT TEST PRODUCT TEST PRODUCTION TEST PRODUCTION TEST PRODUCTION TEST PUMP TEST PRODUCTION TEST PUMP 321 Bbls. GAS-MCF. WATER-BBL. GAS-OIL BATIO OPEN TEST PRODUCTION TEST PUMP TEST PRODUCTION TEST PUMP TEST PRODUCTION TEST WITH STATE OPEN TEST WITH SESSED BY DATE OF ATTACHMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	8-5/8" 5-3/8" 29. 6128	#24 J5! #14 J5!	LINER RECOR	RD SACKS CE	12	.25" .00" SCREEN (MI	800 S 725 S	size 2-3/8"	TUBING REDEPTH SET (O Surf	PACKER SET (MD)
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-27-93 Pumping: 2" x 4" Travel Brl. Pump. DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD 6.75 bbl ISTM 321 Bbls. 0/100% PLOW. TURING PRESSURE CASING PRESSURE CALCULATED 2.25 bblN- 107 bbl. 30 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) -O- Gas pressure (to Small To Measure) 35. LIST OF ATTACHMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	8-5/8" 5-3/8" 29. 6128	#24 J5! #14 J5!	LINER RECOR	RD SACKS CE	12	SCREEN (MI	800 S 725 S 30.	size 2-3/8"	TUBING REDEPTH SET (O Surf	PACKER SET (MD)
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-27-93 Pumping: 2" x 4" Travel Brl. Pump. DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD 6.75 bbl ISTM 321 Bbls. 0/100% PLOW. TURING PRESSURE CASING PRESSURE CALCULATED 2.25 bblN- 107 bbl. 30 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) -O- Gas pressure (to Small To Measure) 35. LIST OF ATTACHMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	8-5/8" 5-3/8" 29. 6128	#24 J5! #14 J5!	LINER RECOR	RD SACKS CE	12	SCREEN (MI	800 S 725 S 30.	size 2-3/8"	TUBING REDEPTH SET (O Surf	PACKER SET (MD)
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-27-93 Pumping: 2" x 4" Travel Brl. Pump. DATE OF TEST Jan. 30.93 72 OPEN CASING PRESSURE CALCULATED O PSI O PSI O PSI O PSI O PSI O PSI CASING PRESSURE CALCULATED 2-4-HOUR RATE 2.25 bbl. O PSI	8-5/8" 5-3/8" 29. 6128	#24 J5! #14 J5!	LINER RECOR	RD SACKS CE	12	SCREEN (MI	800 S 725 S 30. 2 ACID. S ERVAL (M	size 2-3/8"	TUBING REDEPTH SET (O Surf	PACKER SET (MD)
Pumping: 2" x 4" Travel Brl. Pump. DATE OF TEST Jan. 30.93 72 OPEN CHOKE SIZE PROD'N. FOR TEST PERIOD OPEN CASING PRESSURE CASING PRESSURE CALCULATED OPSI OPSI OPSI OPSI CASING PRESSURE CALCULATED 2.25 bbl. OPSI OPSI OPSI OPSI CASING PRESSURE CALCULATED 2.25 bbl. OPSI	8-5/8" 5-3/8" 29. 6128	#24 J5! #14 J5!	LINER RECOR	RD SACKS CE	12	SCREEN (MI	800 S 725 S 30. 2 ACID. S ERVAL (M	size 2-3/8"	TUBING REDEPTH SET (O Surf	PACKER SET (MD)
Jan. 30.93 72 OPEN TEST PERIOD 6.75 bbl TSTM 321 Bbls. GAS-OIL RATIO OPEN. TURING PRESSURE OPEN. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAMMTY-API (CORR.) O PSI O PSI 24-HOUR RATE 2.25 bblN- 107 bbl. 30 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) -O- Gas pressure (to Small To Measure) TEST PERIOD 6.75 bbl TSTM 321 Bbls. O/100% TEST WITNESSED BY Dan Berry, Eunice, NM 35. LIST OF ATTACHMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	8-5/8" 5-3/8" 29. 8128 31. PERFORATION R Open Hole	#24 J59 #14 J59 TOP (MD) ECORD (Interval,	LINER RECOR BOTTOM (MD) size and number) to 3703	SACKS CE	12 8	SCREEN (M) SCREEN (M) BUCTION	800 S 725 S 30.	size 2-3/8"	TUBING REDEPTH SET (O Surf	PACKER SET (MD)
Jan. 30.93 72 OPEN TEST PERIOD 6.75 bbl ISIM 321 Bbls. 0/100% PLOW. TURING PRESSURE CALCULATED OIL.—BBL. GAS—MCF. WATER—HBL. OIL GRAMMY-API (CORR.) O PSI O PSI 24-HOUR RATE 2.25 bblN- 107 bbl. 30 34. DIRPOSITION OF GAS (Sold, used for fuel, vented, etc.) -O- Gas pressure (to Small To Measure) TEST PERIOD 6.75 bbl ISIM 321 Bbls. 0/100% WATER—HBL. OIL GRAMMY-API (CORR.) TEST WITNESSED BY Dan Berry, Eunice, NM 35. LIST OF ATTACHMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	8-5/8" 5-3/8" 29. SIZE 31. PERFORATION R Open Hole	#24 J5: #14 J5: TOP (MD) ECORD (Interval, e from 3664	LINER RECOR BOTTOM (MD) size and number) to 3703'	SACKS CE	PROD	SCREEN (M) SCREEN (M) 32. DEPTH INT DUCTION Smping—size of	800 S 725 S 30. 30. ACID. S ERVAL (M:	size 2-3/8"	TUBING REGISTRATE (CEME	O SUIF O SUIF CORD MD) INT SQUEE	PACKER SET (MD) EZE, ETC. TERIAL USED
O PSI O PSI 24-HOUR BATE 2.25 bblN- 107 bbl. 30 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) -0- Gas pressure (to Small To Measure) 35. LIST OF ATTACHMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	8-5/8" 5-3/8" 29. 8128 31. PERPORATION R Open Hole 33.* DATB PIRST PRODUCT 1-27-93	#24 J5: #14 J5: TOP (MD) ECORD (Interval, e from 3664	LINER RECOR BOTTOM (MD) size and number) to 3703' DUCTION METHOD Cumping: 2'	SACKS CE SACKS CE (Flowing, ga	PROD is lift, pur	SCREEN (MI SCREEN (MI 32. DEPTH INT DUCTION SEMPING—size of Brl. Pu	800 S 725 S 30. 30. ACID. S ERVAL (M:	size 2-3/8"	TUBING REGISTRATE (CEME	O SUIF O SUIF CORD MD) INT SQUEE	PACKER SET (MD) EZE, ETC. TERIAL USED
-O- Gas pressure (to Small To Measure) 35. LIST OF ATTACHMENTS Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	8-5/8" 5-3/8" 29. 8128 31. PERPORATION R Open Hole 1-27-93 DATE OF TEST Jan. 30.9	#24 J5: #14 J5: #14 J5: TOP (MD) ECORD (Interval, e from 3664 THOURS TESTER 93 72	LINER RECOR BOTTOM (MD) size and number) to 3703' DUCTION METHOD Cumping: 2' CHOKE SIZ	(Flowing, ga	PROD is lift, pu ravel	SCREEN (MI SCREEN (MI 82. DEPTH INT DUCTION Imping—size of Brl. Pu OIL—BBL.	ACID. S ACID. S ERVAL (M N-	Sacks Ce	TUBING REDEPTH SET (3687' CTURE, CEMES	O SUIF O SUIF CORD MD) INT SQUEE IND OF MA	PACKER SET (MD) EZE, ETC. TERIAL USED (Producing or ping AS-OIL BATIO
Neutron Logs Filed 2-5-92, Drilling rates attached (3665 thru 3701) 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	8-5/8" 5-3/8" 29. 8IZE 31. PERFORATION R Open Hold 1-27-93 DATE OF TRET Jan. 30.9	#24 J5: #14 J5: #14 J5: TOP (MD) ECORD (Interval, e from 3664 TION PRO HOURS TESTER 93 72 CASING PRESS O PSI	LINER RECOR BOTTOM (MD) BIEF CRIC METHOD CHOKE SIZ OPEN CALCULATE 24-HOUR R.	(Flowing, ga x 4 1 T E PROD'N TEST F 2.	PROD PROD is lift, pu ravel For period BRI.	SCREEN (MI SCREEN	ACID. S ACID. S ERVAL (M) N- and type o mp. GAS	SIZE 2-3/8" SHOT. FRACE D) FOR pump) S-MCF. TSTM	TUBING REGISTRATE (ASSOCIATION OF THE PROPERTY	O SUIF O SUIF CORD MD) INT SQUEE IND OF MA	PACKER SET (MD) EZE, ETC. TERIAL USED (Producing or ping AS-OIL BATIO 0/100%
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	33.* DATE PIRST PRODUCT 1-27-93 DATE OF TEST Jan. 30.9 PLOW. TURING PROS. O PSI 34. DIRPOSITION OF	#24 J5: #14 J5: #14 J5: TOP (MD) ECORD (Interval, e from 3664 TION PRO HOURS TESTER 93 72 CASING PRESS O PSI GAB (Sold, used for	LINER RECOR SOTTOM (MD) Size and number) to 3703' CHOKE SIZ OPEN CALCULATE 24-HOURE 24-HOURE OF fuel, vented, etc.	(Flowing, ga x 4 T T PROD'N TEST F 2.	PROD is lift, pu ravel For period is i 25 bb.	SCREEN (MI SCREEN	ACID. S ACID. S ERVAL (M) N- and type o mp. GAS	SIZE 2-3/8" SHOT. FRACE D) FOR pump) S-MCF. TSTM	TUBING REAL TUBING	O SUIF O SUIF CORD MD) F NT SQUEE IND OF MA L STATUS L STATUS L STATUS L STATUS L STATUS L STATUS OIL GRA 30	PACKER SET (MD) EZE, ETC. TERIAL USED (Producing or ping as-oil matio 0/100% MYTY-API (CORM.)
	8-5/8" 5-3/8" 29. SIZE 31. PERFORATION R Open Hole Open Hole 1-27-93 DATE OF THET Jan. 30.9 FLOW. TURING PAGE O PSI 34. DISPOSITION OF -0- Gas	#24 J5! #14 J5! #14 J5! TOP (MD) ECORD (Interval, e from 3664 THOURS TESTS: 93 72 CASING PRESS O PSI GAS (Sold, used for pressure (LINER RECOR SOTTOM (MD) Size and number) to 3703' CHOKE SIZ OPEN CALCULATE 24-HOURE 24-HOURE OF fuel, vented, etc.	(Flowing, ga x 4 T T PROD'N TEST F 2.	PROD is lift, pu ravel For period is i 25 bb.	SCREEN (MI SCREEN	ACID. S ACID. S ERVAL (M) N- and type o mp. GAS	SIZE 2-3/8" SHOT. FRACE D) FOR pump) S-MCF. TSTM	TUBING REAL TUBING	O SUIF O SUIF CORD MD) F NT SQUEE IND OF MA L STATUS L STATUS L STATUS L STATUS L STATUS L STATUS OIL GRA 30	PACKER SET (MD) EZE, ETC. TERIAL USED (Producing or ping as-oil matio 0/100% MYTY-API (CORM.)
	8-5/8" 5-3/8" 29. SIZE 31. PERFORATION R Open Hole Open Hole 1-27-93 DATE OF THET Jan. 30.9 FLOW. TURING PAGE O PSI 34. DISPOSITION OF -0- Gas 35. LIST OF ATTACK	#24 J5! #14 J5! #14 J5! TOP (MD) ECORD (Interval, e from 3664 THOURS TESTS: 93 72 CABING PRESS O PSI GAB (Sold, used for pressure (LINER RECOR Softon (MD) Size and number) to 3703' DUCTION METHOD CHOKE SIZ OPEN URE CALCULATE 24-HOUR B. Or fuel, vented, etc. to Small I	(Flowing, gar'x 4° T E PROD'N TEST P OIL — B ATE 2.	PROD FROD FROD FROD FOR FOR FOR FO	SCREEN (MI SCREEN (MI 82. DEPTH INT DUCTION Imping—size of Brl. Pu OIL—BBL. 6.75 GAS—1	ACID. S ACID. S ERVAL (M N- Bbl. GAI	Sacks Ce Size 2-3/8" SHOT. FRACE D) FSTM WATER 10	TUBING REDEPTH SET (3687' CTURE CEMEN MOUNT AND E WATER—BI 321 B	O SUIF O SUIF CORD MD) F NT SQUEE IND OF MA L STATUS L STATUS L STATUS L STATUS L STATUS L STATUS OIL GRA 30	PACKER SET (MD) EZE, ETC. TERIAL USED (Producing or ping as-oil matio 0/100% MYTY-API (CORM.)
	33.° DATE PIRET PRODUCT 1-27-93 DATE OF TEST Jan. 30.9 PLOW. TURING PROSE O PSI 34. DISPOSITION OF -0- Gas 35. LIST OF ATTACK Neutron	#24 J5: #14 J5: #14 J5: #14 J5: TOP (MD) ECORD (Interval, e from 3664 TOP (MD) PRO TOP (MD)	LINER RECOR LINER RECOR BOTTOM (MD) Size and number) 4 to 3703 CHOKE SIZ OPEN CHOKE SIZ OPEN CHOKE SIZ OPEN To fuel, vented, etc. to Small I	(Flowing, gar'x 4' T PROD'N TEST F ONL-B ATE 2. CO Measu Orilling	PROD PROD In lift, pur ravel 25 bb rate	SCREEN (MI SCREEN	ACID. S ACID. S ERVAL (M N- Shall seed (36	SIZE 2-3/8" SHOT. FRACE D) STM WATER 10	TUBING REDEPTH SET (3687' CTURE CEME MOUNT AND E WATER—BI 321 B 17 bbl. 17 bbl. 18 3701)	O SUIF O SUIF CORD MD) E NT SQUEE IND OF MA L STATUS L STATUS IND OF MA DIS. OIL GRA 30 EBSED BY TY, EUI	PACKER SET (MD) EZE, ETC. TERIAL USED (Producing or ping as-oil matio 0/100% MYTY-API (CORE.)

37. SUMMARY OF PORther drill-stem, tests, in recoveries):	OUS ZONES: (St	now all important z terval tested, cusi	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. GEOI	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	Ğ
				Z	MEAS. DEPTH	TRUE VERT. DEPTH
Yates Sands	3575	3605	Logs Files: 2-5-92	TOP OF SALT	1682	1682*
Yates A	3588	3593		BASE OF SALT	3285*	3285
Yates B	3625	3629		TOP OF VATES		
Yates C	3660	3682				
seven Rivers	3698	3703+				REC B 1
						. F :