## UN ED STATES SECULOR DEPARTMENT OF THE INTERIOR OF STRUCTIONS ON GEOLOGICAL SURVEYBBS, NEW MEXICO SECULOR OF THE PROPERTY OF T

Form approved. Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO. NM - 12697

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *  1s. TYPE OF VELLE									
IN TYPE OF OWNLETTON:  WILL WELL DATE:  NOTE:  PARKED OF COMPLETTON:  WILL OF O'RE DATE:  PARKED OF COMPLETTON:  WILL O'REP DATE:  NATION OF THE PARKED OF COMPLET ON THE CONTROL OF THE C	WELL CO	MPLETION OR	RECOMPLET	ION F	REPORT	AND LO	G*	6. IF INDIAN, A	LLOTTEE OR TRIBE NAME
Note								-	CTUD VIVE
S. PART OF ORDER 10.0.  MAYARD J. Inc.  3. ADDRESS OF OFERATOR  MAYARD J. Inc.  3. ADDRESS OF DEAD  MAYARD J. Inc.  3. ADDRESS OF DEA		WELL L	WELLI	DRY LA	Other			7. UNIT AGREES	ENT NAME
Ray   P. O. Box 832, Midland, Texas 79702   Production of control of the contro			DIEC CO DIE	·		:			and the second
MAYA1O, INC.  3. ADDRESS OF OTRACTOR  P. O. BOX 832, Midland, Texas 79702  4. LOCATION OF WALL (Report Sociation Clearly and to accordance with any Risks requirements):  At top prod. Interval reported below  At total depth  10. PERMIT NO.  At top prod. Interval reported below  At total depth  11. PERMIT NO.  ACCORDINATION OF THE CONFIDENCE OF THE CONFI	WELL X	OVER DEEP	BACK L BES	SVR.	Other				
A Househos of Control (Registry and in Secondance with any Biggs requirements)*  P. O. Box 832, Midland, Texas 79702  P. O. Box 832, Midland, Texas 79702  At location or while (Registry Indicated and Secondance with any Biggs requirements)*  At undrated 1980' FSL & 660' FEL of Sec. 23  At top prod. Internal reported below  At top prod. Internal reported below  At top prod. Internal reported below  At total depth  14. FERMIT NO. SOURCE MARK 1980 MARK 100 MARK	2. NAME OF OPERAT	OR			- ,			Fraz	ier Federal
3. ADDRESS OF OPERATOR  P. O. BOX 832, Midland, Texas  79.702  4. Light of Will, (Regord Sociation Gerry) and in accordance with any Rigid requirements)  At sources  19.80° FSL & 660° FEL of Sec. 23  10. C 0.7 1981  At top 1960 internal reported below  At total depth  14. FERMIT NO.	Maralo In	ıc	· .					9. WELL NO.	
P. O. Box 832, Midland, Texas 79702  4. LOCATION OF WILL (Report Foreign clearly and in secondance with negality requirements).  At top prod. Interval reported below  At top prod. Interval reported below  At total depth  14. FERMIT NO. 1000 FEL of Sec. 23  15. LOCATION OF WILL (Report Foreign Clearly and in secondance with negality requirements).  16. Data stropped interval reported below  At total depth  16. Data stropped interval reported below  At total depth  16. Data stropped interval reported below  At total depth  16. Data stropped interval reported below  At total depth  16. Data stropped interval reported below  At total depth  16. Data stropped interval reported below  11-28-80  1-21-81  1. Date COMPL. (Recoft to prod.)  18. ELEVATIONS (OF NEW, N. R. R., B., TC.) *  19. STREET AND STREET AND STREET CAS. MAY A TO 22 If MILITARY COMPL. 23 INTERVAL AND STREET LOSS BONCETIONAL STREET AND STREET LOSS BONCETIONAL STREET CASES BONCETION BETT	3. ADDRESS OF OPER	ATOR	<del></del>	· ·				_	1
At total depth    14. Permit No.   15.0%   18. ELECTOR   18. M. OR BLOCK NO BLEVET OR AREA   14. Permit No.   15. M. Permit No			m 707/		DURIC		11 / J	10, FIELD AND	POOL, OR WILDCAT
At top prod. Internal reported below  At top prod. Internal reported below  At total depth    14. Permit No.	P. U. BOX	832, Midiand,	lexas /9/l	JZ e enith and	d Rinte requi	ements)*	<del>~{        </del>	L Usia	00±
At top prod. interval reported below  At top prod. interval reported below  At total depth    14. Ferriti	4.4						\#i!		
Sec. 23, T-24-8, R-35-E  14. total depth  14. FERMIT NO. 1.35W/2.1478_SMICE  12. COENTY OF 1818 COENTY OF 1818 COENTY OF 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  15. TOTAL BETTI NO. 8 TO 2. 1. DATE COMPT. (Ready to prod.) 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  16. DATE RECORD 17. DATE COMPT. (Ready to prod.) 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  17. TOTAL BETTI NO. 8 TO 2. 1. DATE COMPT. (Ready to prod.) 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  18. TOTAL BETTI NO. 8 TO 2. 1. DATE COMPT. (Ready to prod.) 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  19. TOTAL BETTI NO. 8 TO 2. 1. DATE COMPT. (Ready to prod.) 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  19. TOTAL BETTI NO. 8 TO 2. 1. DATE COMPT. (Ready to prod.) 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  19. TOTAL BETTI NO. 8 TO 2. 1. DATE COMPT. (Ready to prod.) 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  19. TOTAL BETTI NO. 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  19. TOTAL BETTI NO. 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  19. TOTAL BETTI NO. 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  19. TOTAL BETTI NO. 18. ILLIVATIONS (0F. REA. RT. 64. EV.)  19. TOTAL STATE AND COMPT. (RECORD COMPT. (RECORD TOTAL STATE AND THE COMPT. (REC	19	80' FSL & 660	' FEL of Sec.	. 23	JUL DEC	071981		OR AREA	a., on block and bearing
14. PERMIT NO.   1.5 Note 1.4 No.   12. County or part   18. State   New Mexico   11-28-80   1-21-81   -   336.2 GR     -   336.2 GR   -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR   -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336.2 GR     -   336	At top prod. into	erval reported below	7		أأج			- 00	
14. PERMIT NO.   15. CALCALL LURANTY   12. COLOR OF NEW MANY   11. DATE COMPL. (Ready to prod.)   18. ELEVATIONS (DF. RER. RT. OR. RTC.)   10. DATE NORTHEAD   11. DATE COMPL. (Ready to prod.)   18. ELEVATIONS (DF. RER. RT. OR. RTC.)   10. DATE NORTHEAD   11. DATE COMPL. (Ready to prod.)   18. ELEVATIONS (DF. RER. RT. OR. RTC.)   10. DATE NORTHEAD   11. DATE COMPL. (Ready to prod.)   18. ELEVATIONS (DF. RER. RT. OR. RTC.)   10. DATE TO THE TOTAL   11. DATE COMPL. (Ready to prod.)   18. ELEVATIONS (DF. RER. RT. OR. RTC.)   10. DATE TO THE TOTAL   11. DATE COMPL. (Ready to prod.)   18. ELEVATIONS (DF. RER. RT. OR. RTC.)   10. DATE TO THE TOTAL   1				12		M & GAS		Sec. 23,	T-24-S, R-35-E
Sate Specified   16. Date 1.0. Beached   17. Date compl. (Reedy to prod.)   18. Elevations (Dr., Reb., RT. os., RT. c).   10. Elev. Carino Blad   11-28-80   1-21-81   - 3366.2 GR   - 4167   - 3732   - 4069   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167   - 4167	At total depth				WUS GEO	บอดปลิงโรม	RVEY-		
10. Date   10. Date   10. Date   10. Date   11. Date   11. Date   11. Date   12. Date   12. Date   12. Date   12. Date   12. Date   13. Date		_	14. PI	ERMIT NO.	E KOSWĘ:	PATRIESTED	ICO		13. STATE
11-28-80		•	7	4 5	÷ [			Lea	
0. TOTAL DEPTH, NO A TVD 21. PLUG, BACK T.D., ND A TVD 22. 1F MILTIPLE COMPL., 167. 14167   3973'   21. PLUG, BACK T.D., ND A TVD 180W MARY*   22. 1F MILTIPLE COMPL., 167. 14167   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   179-4167   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719   0-719	5. DATE SPUDDED	16. DATE T.D. REACHE	D   17. DATE COMPL.	(Ready to	prod.)   18	. ELEVATIONS (	DF, BKB,	RT, GR, ETC.)*	19. ELEV. CASINGHEAD
C. POPAL DEFTH. NO A TWO 21. FLUO. ARX F.M. MD A TWO 22. FF NUCLTIPIES COMPL. 123. INTERLAL SOTAR TOOLS CABLE TOOLS HOW MANY? 3973'  4. FROOUCHIC INTERVAL(8). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TWD)? 25. WAR DIRECTIONAL SERVEY MAINS TYCE 3833 7 RIVEYS 3987  Rustler 3618	11-28-80	1-21-81	_			3366	. 2 GI	R	··
A   FRODUCTION   A   PRODUCTION   A	O. TOTAL DEPTH, MD	t TVD 21. PLUG, BAC	K T.D., MD & TVD   2			,   23. INT	ERVALS		CABLE TOOLS
4. PRODUCTION INTERVAL(8), OF THIS CONFLICTION.—TOP, BOTTOM, NAME (MD AND TYD).*  Rustler 3618 Tansill 3748 7 Rivers Sand 4058  Yates 3833 7 Rivers 3987  Compensated Neutron/Formation Density/Dual Laterolog  S. CASING RECORD (Report did strings set in well)  CASING SIZE WEIGHT, LE/FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT FULLED  8 5/8" 24# 1403' 11" 5005X Howco +300 SX Cl C 0  5 ½ " 15.50#A14# 4167 7 7/8" 1005X Howco +300 SX Cl C 2605  9. LINER RECORD  SIZE TOP (MD) BOTTOM (MD) BACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) YACKER SET (MD)  11. PERFORATION RECORD (Interval, size and number) 1 JSPF @ 22 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  24 - 4014 (11 holes) Total 22 shots  4 - 4114 (11 holes) Total 22 shots  4 - 3842' (1 JSPF - 9 holes)  4 - 3842' (1 JSPF - 9 holes)  AD62 - 4114 2100 gal 15% MCA W/44 hall sea 3757 - 3752 1000 gal 15% MCA + 2500 gals  13.*  PRODUCTION  PRODU		<u> </u>	į.	HOW M	ANY*	DRI	LLED BY	719-4167	0-719
Rustler 3618				. NAME /N	AD AND TVD)	1	<del>-&gt;</del>	1 /13-410/	
Yates 3833 7 Rivers 3987  States 3833 7 Rivers 3987  Compensated Neutron/Formation Density/Dual Laterolog  Compensated Neutron/Formation Density/Dual Laterolog  Casing record (Report all airings set in well)  Casing record (Report all airings set in well)  Casing size weight, Lefft before ret (MD) Bole size Cementing record Amount Pulled Solve 11" 500sx Howco +300 sx C1 C 0  5 ½ " 15 50#814# 1403" 11" 500sx Howco +300 sx C1 C 2605  Liner record 30 Tubing record 2605  8. Liner record 4069 (Report all airings set in well)  8. Liner record 27 7/8" 100sx Howco +300 sx C1 C 2605  9. Liner record 30 Tubing record 2605  9. Liner record 30 Tubing record 2605  9. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Report all airings set in well)  8. Liner record 4069 (Record 4069 (Record 4069) (R							150	•	
COMPENSATED NO OTHER LOCK BUNC COMPENSATED NO CASING RECORD (Report all strings set in well)  CASING RICE (MD)  S. CASING RECORD (Report all strings set in well)  CASING RICE (MD)  S 5/8"  24# 1403' 11" 500sx Howco +300 sx C1 C 0  5 1 " 15.50#614# 4167 7.7/8" 100sx Howco +300 sx C1 C 2605  SIZE TOP (MD)  SIZE TOP (MD)  SOTTOBING RECORD  SOLUTION  RECORD SOLUTION  RECORD SOLUTION  SOLUTION  AMOUNT AND KIRD OF MATERIAL USED  4113 - 4013 100 gal 15% MCA  4062 - 4114 2100 gal 15% MCA 424 hall sea 3757 - 3752 1000 gal 15% MCA 42500 gals  15% NFA  ATE FIRST PRODUCTION				/ R:	ivers Sa	ng 40	אכנ	_ F 1	1 2 2 2
Compensated Neutron/Formation Density/Dual Laterolog  CASING RECORD (Report all atrings set in well)  CASING RECORD (Report all atrings set in well)  8 5/8"  24#  1403'  11"  500sx Howco +300 sx C1 C  0  5½"  15.50#614#  4167  7 7/8"  100sx Howco +300 sx C1 C  2605  9.  LINER RECORD  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT*  SCREEN (MD)  SIZE  DEPTH SET (MD)  PACKER BET (MD)  1. FERFORATION NECORD (Intered, size and number) 1 JSPF (2  2' - 4069 (8 holes) 4083-4085 (3 holes)  4' - 4114' (11 holes) Total 22 shots  7 - 3752' (2 JSPF - 12 holes)  4' - 3842' (1 JSPF - 9 holes)  3.*  PRODUCTION  PROTUCTION  PRODUCTION  PROTUCTION  PRODUCTION  PRODUCTION  PRODUCTION  PRODUCTION  PRODUCT			ers 3987		····	<u> </u>			<u>'                                      </u>
CASING RECORD (Report all strings set in well)  CASING SIZE  WEIGHT, LE-FT. DEFFI SET (MD)  ROLE BIZE  CEMENTING RECORD  AMOUNT FULLED  SOURCE HOWCO +300 SX C1 C  O  5 1 " 15.50#814# 4167 7 7/8" 1005X HOWCO +300 SX C1 C  2605  LINER RECORD  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT* SCREEN (MD)  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT* SCREEN (MD)  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT* SCREEN (MD)  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT* SCREEN (MD)  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT* SCREEN (MD)  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT* SCREEN (MD)  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT* SCREEN (MD)  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT* SCREEN (MD)  SIZE  DEFTH SET (MD)  DEFTH SET (MD)  AMOUNT AND KIND OF MATERIAL USED  4113 - 4013 100 gal 15% MCA  4113 - 4013 100 gal 15% MCA w/44 hall sea  3757 - 3752 1000 gal 15% MCA w/44 hall sea  3757 - 3752 1000 gal 15% MCA + 2500 gals  3.*  PRODUCTION  FRODUCTION  FRODUC					•			27	
CASING SIZE  WEIGHT, LE/FT.  DEPTH SET (MD)  11"  500sx Howco +300 sx C1 C  0  15.50#&14#  4167  7.7/8" LOOSX HOWCO +300 sx C1 C  2605  9.  LINER RECORD  SIZE  TOF (MD)  BOTTOM (MD)  SACKS CEMENT*  SCREEN (MD)  SIZE  TOF (MD)  SIZE  TOF (MD)  SOM  TUBING RECORD  SIZE  DEPTH SET (MD)  FACKER SET (MD)  1. PERFORATION RECORD (Interval, size and number) 1 JSPF (MD)  22.  ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD)  AMOUNT AND KIND OF MATERIAL USED  4' - 4069 (8 holes) 4083-4085 (3 holes)  4' - 4114' (11 holes) Total 22 shots  7 - 3752' (2 JSPF - 12 holes)  4' - 3842' (1 JSPF - 9 holes)  32.  ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD)  AMOUNT AND KIND OF MATERIAL USED  4113 - 4013  100 gal 15% MCA  4462 - 4114  2100 gal 15% MCA  4462 - 4114  2100 gal 15% MCA  4462 - 4114  2100 gal 15% MCA  4464 holes  15. YNFA  ATE OF TEST  HOURS TESTED.  CASONE SIZE  PRODUCTION  FRODUCTION  FRODUC	Compensate	ed Neutron/For	mation Densi	ty/Dua	<u>l Lat</u> ero	log			NO
1	8.		CASING REC	ORD (Rep	ort all string	s set in well)			
LINER RECORD  SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD)  SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD)  SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD)  SIZE DEPTH SET (MD) PACKER BET (MD)  AMOUNT AND KIND OF MATERIAL USED  14' - 4014' (11 holes) Total 22 shots  14' - 4114' (11 holes) Total 22 shots  14' - 3752' (2 JSPF - 12 holes)  14' - 3842' (1 JSPF - 9 holes)  15Z NEA  PRODUCTION  PRODUC	CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HO	LE SIZE	CE	MENTING	RECORD	AMOUNT PULLED
LINER RECORD  SIZE TOF (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER BET (MD)  SIZE TOF (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER BET (MD)  SIZE TOF (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER BET (MD)  SIZE DEPTH SET (MD) PACKER BET (MD)  DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  4' - 4114' (11 holes) Total 22 shots  4' - 4114' (11 holes) Total 22 shots  4' - 3752' (2 JSPF - 12 holes)  44' - 3842' (1 JSPF - 9 holes)  ACT FIRST PRODUCTION METHOD (Flowing, gas kift, pumping—size and type of pump)  DATE OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST BOUNCETION METHOD (Flowing, gas kift, pumping—size and type of pump)  ACT OF TEST WITNESSED BY  35. LIST OF ATTACHMENTS  36. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81	8 5/8"	24#	1403'		11"	500sx How	/co +	300 sx Cl C	0
INTER PRODUCTION  SIZE  LINER RECORD  SIZE  TOP (MD)  BOTTOM (MD)  SACKS CEMENT*  SCREEN (MD)  SIZE  DEPTH SIT (MD)  PACKER SET (MD)  SIZE  DEPTH SIT (MD)  PACKER SET (MD)  SIZE  DEPTH SIT (MD)  PACKER SET (MD)  ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD)  AMOUNT AND KIND OF MATERIAL USED  4' - 4114' (11 holes)  TOTAL 22 shots  4-13 - 4013				-[	<del></del>				
SIZE TOF (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  31. PERFORATION RECORD (Interval, size and number) 1 JSPF (2. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  22. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD) AMOUNT AND RIND OF MATERIAL USED  44' - 4114' (11 holes) Total 22 shots  4113 - 4013 100 gal 15% MCA  4062 - 4114 2100 gal 15% MCA w/44 hall sea  3757 - 3752 1000 gal 15% MCA + 2500 gals  15% NFA  33.*  PRODUCTION  PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST RODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST RODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST RODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST RODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PRODUCTION  SALE DEPTH SET (MD) PACKER SET (MD)  AUGUST AND MATERIAL USED  4013 - 4013 100 gal 15% MCA + 2500 gals  15% NFA  3757 - 3752 1000 gal 15% MCA + 2500 gals  15% NFA  15% NFA  OLI BRATIC (Producing or shut-ing)  AUGUST AND RODUCTION WATER—BBL. GAS—MCF. WATER—BBL. GAS—OIL RATIO  AUGUST AND RODUCTION WATER—BBL. OIL GRAVITY-API (CORR.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etd.)  TEST WITNESSED BY  35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk 7-29-81	<u> </u>	_ 13.30#&14#	410/	-	11/0	LUUSX HOL	CO .T.	JUL SX UI L	
SIZE TOF (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  31. PERFORATION RECORD (Interval, size and number) 1 JSPF (2. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  22. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.  DEPTH INTERVAL (MD) AMOUNT AND RIND OF MATERIAL USED  44' - 4114' (11 holes) Total 22 shots  4113 - 4013 100 gal 15% MCA  4062 - 4114 2100 gal 15% MCA w/44 hall sea  3757 - 3752 1000 gal 15% MCA + 2500 gals  15% NFA  33.*  PRODUCTION  PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST RODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST RODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST RODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST RODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PRODUCTION  SALE DEPTH SET (MD) PACKER SET (MD)  AUGUST AND MATERIAL USED  4013 - 4013 100 gal 15% MCA + 2500 gals  15% NFA  3757 - 3752 1000 gal 15% MCA + 2500 gals  15% NFA  15% NFA  OLI BRATIC (Producing or shut-ing)  AUGUST AND RODUCTION WATER—BBL. GAS—MCF. WATER—BBL. GAS—OIL RATIO  AUGUST AND RODUCTION WATER—BBL. OIL GRAVITY-API (CORR.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etd.)  TEST WITNESSED BY  35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk 7-29-81	<u> </u>	_		-					
SIZE TOF (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  1. PERFORATION RECORD (Interval, size and number) 1 JSPF (d. 2. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  1. 4' - 4014' (11 holes) Total 22 shots  1. 4' - 3842' (1 JSPF - 12 holes)  1. 4' - 3842' (1 JSPF - 9 holes)  1. 5' NFA  1. PRODUCTION  OIL—BBL.  GAS—MCF.  WATER—BBL.  OIL GRAVITY-API (COBR.)  35. LIBT OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  Production Clerk  Production Clerk  Production Clerk  Production Clerk  7-29-81	<u></u>	T 733779	P PROOPE	!		1 20		TURING PECOP	<u> </u>
31. FEEFORATION RECORD (Interval, size and number) 1 JSPF (2 2' - 4069 (8 holes) 4083-4085 (3 holes)  14' - 4114' (11 holes) Total 22 shots  14' - 4114' (11 holes) Total 22 shots  4113 - 4013		<del></del>							
2' - 4069 (8 holes) 4083-4085 (3 holes)  14' - 4114' (11 holes) Total 22 shots  7 - 3752' (2 JSPF - 12 holes)  4' - 3842' (1 JSPF - 9 holes)  3757 - 3752 1000 gal 15% MCA	SIZE	TOP (MD) BOTT	OM (MD) SACKS C	CEMENT*	SCREEN (M	D) SIZE	_	DEPTH SET (MD)	PACKER SET (MD)
2' - 4069 (8 holes) 4083-4085 (3 holes)  4' - 4114' (11 holes) Total 22 shots  7 - 3752' (2 JSPF - 12 holes)  4' - 3842' (1 JSPF - 9 holes)  3757 - 3752								<u> </u>	
2' - 4069 (8 holes) 4083-4085 (3 holes)  4' - 4114' (11 holes) Total 22 shots  7 - 3752' (2 JSPF - 12 holes)  4' - 3842' (1 JSPF - 9 holes)  3757 - 3752 1000 gal 15% MCA									
4' - 4114' (11 holes) Total 22 shots 7 - 3752' (2 JSPF - 12 holes) 4' - 3842' (1 JSPF - 9 holes)  3757 - 3752   1000 gal 15% MCA   4/44 hall sea   3757 - 3752   1000 gal 15% MCA + 2500 gals   15% NFA   15%					82.	ACID, SHOT	r, FRAC	TURE, CEMENT S	SQUEEZE, ETC.
7 - 3752' (2 JSPF - 12 holes)  4'- 3842' (1 JSPF - 9 holes)  3757 - 3752	2 <b>' -</b> 4069 (8	3 holes) 4083-	4085 (3 holes	s)	DEPTH IN	TERVAL (MD)	A	MOUNT AND KIND	OF MATERIAL USED
7 - 3752' (2 JSPF - 12 holes) 4'- 3842' (1 JSPF - 9 holes)  3757 - 3752	4' - 4114'	(ll holes) Tot	al 22 shots		/112	/O12	100	021 159 MC	γ <b>Λ</b> (1
37.57 - 37.52 1000 gal 15% MCA + 2500 gals  37.57 - 37.52 1000 gal 15% MCA + 2500 gals  37.57 - 37.52 1000 gal 15% MCA + 2500 gals  37.57 - 37.52 1000 gal 15% MCA + 2500 gals  37.57 - 37.52 1000 gal 15% MCA + 2500 gals  38.0 PRODUCTION  FIRST PRODUCTION  PRODUCTION  PRODUCTION  OIL—BBL. GAS—MCF. WATER—BBL. GAS—OIL RATIO  PRODUCTION  GAS—MCF. WATER—BBL. OIL GRAVITY-API (COBR.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etd.)  TEST WITNESSED BY  35. LIBT OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81		*					1	•	
PRODUCTION  PRODUCTION  PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE FIRST PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  PATE OF TEST  HOURS TESTED  CHOKE SIZE  PROD'N. FOR  TEST PERIOD  PLOW. TUBING PRESS.   CASING PRESSURE   CALCULATED   CALCULATED	•						1	0	
PRODUCTION  ATE FIRST PRODUCTION   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   WELL STATUS (Producing or shut-in)    ATE OF TEST   HOURS TESTED   CHOKE SIZE   PROD'N. FOR TEST PERIOD   CLOW. TUBING PESS.   CASING PRESSURE   CALCULATED   OIL—BBL.   GAS—MCF.   WATER—BBL.   OIL GRAVITY-API (CORR.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etd.)   TEST WITNESSED BY  35. LIST OF ATTACHMENTS  36. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk 7-29-81	. 5542 (			(9 1 )	<u>  3757 -</u>	3752	1		A + ZOUU gals
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  WELL STATUS (Producing or shut-in)  WATER PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  WELL STATUS (Producing or shut-in)  WATER—BBL. GAS—MCF. WATER—BBL. GAS—OIL RATIO  TEST PERIOD  PLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORE.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  TEST WITNESSED BY  35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81		<u> </u>		10 1	Tiómros:	<del> </del>	15%	NEA	
HOURS TESTED. CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO  PLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORE.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  TEST WITNESSED BY  35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81		- 1	ACRETON / Florier -	· · · · · · · · · · · · · · · · · · ·		and turn of		1	AMUS (Producing or
HOURS TESTED CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO  FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  TEST WITNESSED BY  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81	DATE FIRST PRODUCT	PRODUCTION	mermon (fiowing, f	yus 11jt, Pi	umpiny—8126	una sype oj pu	mp)	shut-i	n)
TEST PERIOD  FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etd.)  TEST WITNESSED BY  35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81	<del>-</del>					* ,			
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)  34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81	DATE OF TEST	HOURS TESTED			OIL-BBL.	GASN	CF.	WATER-BBL.	GAS-OIL RATIO
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81	1. /	Ou .	1	<b>→</b> •,	10.00				
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etd.)  35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81	FLOW. TUBING PRESS.			BBL,	GAS-	MCF.	WATER	—BBL. 0	IL GRAVITY-API (CORR.)
35. LIST OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81	+	l man i i illi	-HOUR RATE	-	,			· .	
35. LIBT OF ATTACHMENTS  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk  7-29-81	34. DISPOSITION OF G	AS (Sold, used for fuel,	vented, etc.)		<u> </u>			TEST WITNESSE	D BY
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk 7-29-81									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Production Clerk 7-29-81	25 TIRM OF AMELOW	UTNTE	<u> </u>					1	
Production Clerk 7-29-81	OU. LIBT OF ATTACH!	HERID	19 もと新り	<u>C</u>					
Production Clerk 7-29-81			<u> </u>	<u> </u>	···				
SIGNED Bunda Column Production Clerk DATE 7-29-81	36. I hereby certify	that the foregoing and	attached informatio	n is comp	lete and corr	ect as determin	ned from	all available rece	ords
SIGNED DATE DATE	$\mathcal{A}$			T D	roductic	n Clerk			7-29-81
	SIGNED	una cotto	MON T	ITLE		JICIN		DATE _	<del></del>

## NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

It this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified,

for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

BHOW ALL IMPORTANT DEPTH INTERVAL TEST	CANT ZONES OF FOI	BLAKE OF FOROUS ZONES: SHOW ALL IMPORTANT ZONES OF FOROSITY AND CONTENTS THEREOF; DEFTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING	THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING N, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLOGIC MARKERS
NOILV WHOA	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP
				NAME MEAS. DEPTH TRUE VERT. DEP
Redbed	0	65		
Redbed & Sd	65	148		Riistler 12/01
Shale	148	170		<b>-</b>
Red Shale	170	195		
Redbed	195	.380		
Sand	380	415		D 100 ·
Blue Shale	415	435		.,€ 
Shale & Sand	435	450		Ta v
Yellow Clay	450	465		• • • • • • • • • • • • • • • • • • • •
Sand	465	480		
Sand & Clay	. 480	495		
Yellow Clay	495	510		
Red Shale	510	545		
Red & Yellow		4.		
Shale	545	565		
Shale & gyp	565	646		
Sandy Shale	646	685		
	685	782		
Anhy & Sand	782	1160		
Anhy	1160	1403		
Anhy & Salt	1403	1654		•
Salt & Sand	1654	3588		
Sh. Anh.&lm	3588	3661	U.S. GOVERNMENT PRINTING OFFICE: 1983 O-683636	
Lime	3661			N. S.
Sd & Lmstone	3840	4167		