Form 3100-4 (October 1990) REPENED

DEC

## UNITED STATES

SUBMIT IN DUPLICATE.

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

DEPARTME. . OF THE INTERIOR BUREAU OF LAND MANAGEMENT

str. as on reverse side)

N.M. OL CONS. COMMISSION

S   S   S   S   S   S   S   S   S   S	- 419	3					P.(	3. BOX	1980	ALLOTTEE OR TRIBE NAME				
NOTE OF COMPLETIONS  Read & Stevens, Inc.  \$ ADDRESS NATURE (Repet leading to the case)  Read & Stevens, Inc.  \$ ADDRESS NATURE (Repet leading to the case)  \$ ADDRESS NATURE (Repet leading to the case)  \$ ADDRESS NATURE (Repet leading carry and in excellence with any State requirements)  At text for or the case of 150° FSL & 1650° FNL  At text prod. internal reported below  At total depth  At total depth  At total depth  At total depth  10. Date 10.	MERLINCO	MPLETION (	OR RECON	APLETION I	REPOR	RT AN	D LO	BBS, N	EW ME	XICO 88240				
A. FABLUS LEAGEN NAME, WELL NO.  Read & Stevens, Inc.  3. ADDRESS AND TELEPHONE NO.  P. O. Box 1518, Roswell, New Mexico 88202-1518  10. P. O. Box 1518, Roswell, New Mexico 88202-1518  11. Author of While (Prepart leading offering and in accordance with any State requirements)*  At tool 1500 FSL & 16500 F	1a. TYPE OF WEL	ALI OII.	CAS WELL	DRY -	Other			7	UNIT AGRE	EMENT NAME				
Read & Stevens, Inc.				") PIEF. ("")				_						
Read & Stevens, Inc.  J. ADDRESS AND TELEPHONE NO.  P. O. BOX 1518, Roswell, New Mexico 88202-1518  P. O. BOX 1518, Roswell, New Mexico 88202-1518  At toop prod. internal reported below At total depth  At total depth  At total depth  At total depth  J. Petrill NO.  J. Park Instance  J. County of 13. State Accounts No seewing and in accordance with any State requirements)*  At total depth  Section 3, T205-R34E  12. County of 13. State Accounts No seewing 14. State Accounts No seewin	W F.I.I.	OVER L EN	DACK L	LESVR.	Other			8						
2. ADDRESS AND TELEPHONE NO.  P. O. BOX 1518, Roswell, New Mexico 88202-1518  10. Fig. 5. Roswell, New Mexico 88202-1518  11. Fig. 5. Roswell, New Mexico 88202-1518  12. Fig. 5. Roswell, New Mexico 88202-1518  13. Fig. 5. Roswell, New Mexico 88202-1518  14. Fig. 5. Roswell, Roswell Rose Roswell and a secondance with any State requirements)*  14. Fig. 5. Roswell, Roswell Rose Roswell Rosw								<del>و</del> ٠ ا	+	· · ·				
P. O. BOX 1518, Roswell, New Mexico 88202-1518  10. District New York (Repert Measure deathy and the accordance with any State requirements):  At top prod. Internal reported below  At total depth  11. Person Ho. Date IBBLED  12. COUNTY No. BATE IBBLED  13. STATE  Section 3, T20S-R34E  12. COUNTY No. BATE IBBLED  13. STATE IBBLED  14. PERSON HO. DATE IBBLED  15. COUNTY NO. BATE IBBLED  16. DATE TO ALACHED IT. DATE COUNTL. (Residy to prod.)  18. ELEPATIONS (OF. MAS. NT. G. MYC.) ID SLAY, CASTORIANA  OP-19-93  10-07-93  10-01-9-93  10-01-9-93  10-01-9-93  3645' CL  ATCCEPTED FOR RECORD STATE NO. BATE TO ALACHED IT. DATE COUNTL. (Residy to prod.)  15. FURTHER TO. BATE IBBLED  16. DATE TO. MALACHED IT. DATE COUNTL. (Residy to prod.)  17. FURTHER TO. TALLED TO.			<del></del>		<del></del>									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At sources (150)* FSL 6150'* FVL  At top prod. internal reported below  At total depth  14. FERNIT NO.  15. DATE STLOWED  15. DATE STLOWED  16. DATE TO. REACHED  17. DATE CONTE. (Ready to prod.)  18. LEVATOVA (GP. RAB. R. C. R. C.)  19. WEAL COUNTY. Now MEXICO  90-19-93 10-07-93 10-07-93 10-19-93 3645' GL.  10. WEAL REPTI, NO. ANY TO. ST. AND TO. ST. C.		= -	1. New Me	xico 88202-	-1518			1						
At total depth    It. Freenity No.   Date instead   12   Section 3, T20S-R34E	4. LOCATION OF WE	LL (Report location	clearly and in a			equiremen	te)*		Quail	Ridge Delaware				
At total depth    14. FEANIT NO.   DAYE ISSUED   12. CONTY OR   13. STATE   12. CONTY OR   13. STATE   12. STATE   12. STATE   12. STATE   12. STATE   12. STATE   13. STATE   13. STATE   13. STATE   14. STATE	At surface 1	620. EST & 1	020. FAT					1		R., M., OR BLOCK AND BURVEY				
At total depth  14. FEANIT NO.  DATE ISSUED  15. DATE SPUDDED  16. DATE FUNDED  16. DATE ACCURETY  16. DATE SPUDDED  16. DATE ACCURETY  16. DATE ACCURETY  17. DATE ACCURETY  18. DATE ACCURETY  18. DATE ACCURETY  19. DATE ACCURETY  10. DATE A	At top prod. int	erval reported below	y	Unit	K									
DATE SPECIONED   16. DATE TD. REACHED   17. DATE CONFL. (Redy to prod.)   13. ELEVATIONS (OF. NR. RT. G., NC.)*   19. ELEV. CARNOHEAD   09-19-93   10-07-93   10-19-93   3665' GL   3666'	At total depth			0	• •				Section 3, T20S-R34E					
5. DATE STUDDED 16. DATE TO. MACKED 17. DATE CONTL. (Readly to prod.) 18. LELYTIONA (OF, RICK, T. G., ETC.)* 19. ELEY. CASIMORIEAD 10-19-93 10-19-93 3645* C.L.  9. TOTAL DEPTH, ND a TO 21. ZULG, BACK T.G., ND a TO 22 ACCEPTED FOR RECORD 10 STAND 11 BOTAN TOOLS 6464* 2.7714* 2.7724* 2.7				14. PERMIT NO.		DATE	ISSUED	1		OR 13. STATE				
09-19-93   10-07-93   10-19-93   3645   GL	- <u></u>									nty New Mexico				
A. FRANCISCH STRING AND STREET COLOR   STATE   STREET COLOR   STATE   STATE   STREET COLOR   STATE			1		o proa.)	18. ELE			GR, ETC.)*	19. ELEV. CASINGREAD				
ACCEPTED FOR RECORD TO AND THIS CONFIDENCE. TOP, BOTTOM, NAME (NA AND TYPE ACCEPTED FOR RECORD TO AND THE LOCA RUN ON THE				rvp   22	in he co.	WPL:	7 23: TATE	R.IA'	OTARY TOO	LS CABLE TOOLS				
Second Collaboration Record (Interval, 4): or this conviction—top, bottom, came (MD)   10   1933   10   1933   10   1933   10   1933   10   1933   10   1933   10   1933   10   10   10   10   10   10   10		1		ACCE	PTED	FOR R	ECORD	ED BY	A11	1				
Source of the first part part part part part part part par				BOTTOM, NAME ()	T QUA DA	Zin		<u> </u>						
CARLISHAD, NEW MEXICO   No   No   No   No   No   No   No   N	5650 567	O' Ouail Did	laa Dalarra	**	0	1 1 199	3	A CONTRACTOR OF THE CONTRACTOR						
CASING RECORD TREPORT SITE   TOPOT CHIMPI, CEMENT SCENE   NO				16	w									
CASING RECORD (TREPORT IN PURIS)  CASING SIZE (GRADA)  AND PURISH STEE (MB)  CASING SIZE (GRADA)  AND PURISH STEE (MB)  CASING SIZE (GRADA)  AND PURISH STEED (MB)  CASING SIZE (GRADA)  AND PURISH STEED (MB)  CASING SIZE (GRADA)  AND PURISH STEED (MB)  CASING RECORD  CASING RECORD  AND PURISH STEED (MB)  CASING RECORD  AND PURISH SIZE (MB)  CASING RECORD  C				in a second	encerormenter	ALC:N	MEVICO	NO.						
AMOUNT PULLED   AMOUNT FULLED   33/8"   35   54.5#   1500'   17 1/2"   1200 sx PP W/2Z CaCl   240 sx to surf   11"   120 sx 150 sx 150 sx to surf   11"   120 sx 150 sx		-DIL-CNL-LDI						<u> </u>	<u> </u>	NO				
8 578" J55 32# 4800' 11" Call Stage 400 SX PT W/2% 1 for to surface 880		WEIGHT, LB./FT.						ENT. CEMEN	TING RECORD	AMOUNT PULLED				
S80	l3 3/8" J55	3/8" J55 54.5#		1500' 17		1/2" 1200 sx PP				1				
STATE   STAT	8 5/8" J55	32#	4800	11'	<del>,</del>	ca(		400 s: stage						
SIZE TOF (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) FACKER SET (MD)  11. PERFORATION RECORD (Interval, size and number) 2 3/8" 5832"  12. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.  13. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.  14. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  15. ST. 20-5724' .45 8 holes  15. Sold-5836' 2 spf .45 45 holes  15. Sold-5836' 2 spf .45 45 holes  15. Sold-5836' 2 spf .45 45 holes  15. Sold-5836' 3 sold sold sold sold sold sold sold sold			(1201		7 / 0 11	<u>#a</u>				4#				
SIZE TOP (MD) BOTTOM (MD) BACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) FACKER SET (MD)  1. PERFORATION RECORD (Interval, size and number)  5650-5670' 2 spf .45 41 holes 5720-5724' .45 8 holes 5720-5724' .45 8 holes 5814-5836' 2 spf .45 45 holes  (IBP (2) 57/4 5720-5724' 58/3-32 1/2% Pentol 100  1600 gal cross linked gel 4914  (IBP (2) 57/4 5814-5836' 500 gal (cross linked gel 4914  (IBP (2) 57/4 5814-5836' 500 gal (cross linked gel 4914  (IBP (2) 57/4 5814-5836' 500 gal (cross linked gel 4914  (IBP (2) 57/4 5814-5836' 500 gal (cross linked gel 4914  (IBP (2) 57/4 5814-5836' 500 gal (cross linked gel 4914  (CROSS 1114 6 40000 gal (cross linked gel 4914  (CROSS 1114	<u></u>	· <u>·</u>		1 / /	//0	157	Microb			d 344				
11. PERFORATION RECORD (Interval, size and number)  5650-5670' 2 spf .45 41 holes 5720-5724' .45 8 holes 5720-5724' .45 8 holes 5814-5836' 2 spf .45 45 holes  1600 gal cross linked gel 4914  1800 gal cross linked gel 4914				SACKS CEMENT®	SCREEN	(MD)				<del></del>				
5650-5670' 2 spf .45 41 holes 5720-5724' .45 8 holes 5814-5836' 2 spf .45 45 holes  [/B/a) 5714 5650-5670' 1400 gal 7 1/2% Pentol 100  [/B/a) 5720-5724' 500 gal 7 1/2% Pentol 100  [/B/a) 5724 5814-5836' 800 gal 7 1/2% Pentol 100  [/B/a) 5720-5724' 500 gal 7 1/2% Pentol 100  [/B/a) 6720-6724' 6720-6724' 6720 gal 7 1/2% Pentol 100  [/B/a) 6720-6724' 6720 gal							2 3/8	11	5832'					
5650-5670' 2 spf .45 41 holes 5720-5724' .45 8 holes 5814-5836' 2 spf .45 45 holes  [Beth interval (MD)   Amount and kind of material used 5650-5670'   1400 gal 7 1/2% Pentol 100  [Beth interval (MD)   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914  [Beth   1600 gal cross linked gel 4914   1600 gal cross linked gel 4914   16														
5720-5724' .45 8 holes 5814-5836' 2 spf .45 45 holes  (IBP (a) 5714   5720-5724'   580.30 sd 7 1/2% Pentol 100   1600 gal cross linked gel 4914   5720-5724'   580.30 sd 7 1/2% Pentol 100   1600 gal cross linked gel 4914   5720-5724'   580.30 sd 7 1/2% Pentol 100   1600 gal cross linked gel 4914		•	_						<del></del>					
5814-5836' 2 spf .45 45 holes  (IBP (a) 5714   5720-5724'   580 gal cross linked gel 4914   5720-5724'   580 gal cross linked gel 4914   580 gal cross linked gel 4914   580 gal cross linked gel 4914   5814-5836'   580 gal cross linked gel 4914   5814-5836'   5814-5					ļ									
Comparison   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   Well status (Froducing or shuf-in)   Producing   Pro					5650	-56/0	·	<del></del>						
Solid   Soli	3014 3030	2 Sp1 .43 4	IRP (a)	5714	5720	-5724								
PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  11-22-93  Pumping  Producing  ATE OF TEST  HOURS TESTED CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS—OIL RATIO  11-25-93  24  BO TSTM 90  ACTION GRAVITY-API (CORE.)  4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  Deviation Survey. Logs previously sent to OCD.  6. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records  SIGNED  TITLE Petroleum Engineer  DATE 11/30/93			101 6					goo ga.	1 7 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40000 sd gal				
Pumping  ATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO  11-25-93 24 80 TSTM 90 n/a  LOW. TURING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—HBL. OIL GRAVITY-API (CORR.)  4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  Deviation Survey. Logs previously sent to OCD.  6. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records  SIGNED MATER—BBL. GAS—MCF. WATER—HBL. OIL GRAVITY-API (CORR.)  DATE 11/30/93	33.•							•		•				
ATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD 80 TSTM 90 n/a  LOW. TURING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 80 TSTM 90 38.0  4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  Deviation Survey. Logs previously sent to OCD.  6. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records  SIGNED  TITLE Petroleum Engineer DATE 11/30/93		ION PRODUCT			umping—.	size and t	ype of pum	p)		(-in)				
11-25-93  24    TEST PERIOD   80   TSTM   90   n/a	DATE OF TEST	HOURS TESTED	<del></del>		OILRI	BL.	GAS-MC	F. V	VATER-BBL					
LOW. FURING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 80 TSTM 90 38.0  4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  Deviation Survey. Logs previously sent to OCD.  6. I bereby certify that the foregoing and attroped information is complete and correct as determined from all available records  SIGNED TITLE Petroleum Engineer  DATE 11/30/93					1		1							
4. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  Deviation Survey. Logs previously sent to OCD.  6. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records  SIGNED  TEST WITNESSED BY  Dan Lough  TITLE Petroleum Engineer  DATE 11/30/93	PLOW. TUBING PRESS.	1			<u> </u>			WATERHB	L.					
Dan Lough  5. LIST OF ATTACHMENTS  Deviation Survey. Logs previously sent to OCD.  6. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records  SIGNED  TITLE Petroleum Engineer  DATE 11/30/93			24-HOUR RATE	80		TSTM	1	90	1	38.0				
Deviation Survey. Logs previously sent to OCD.  6. I hereby certify that the foregoing and attroped information is complete and correct as determined from all available records  SIGNED	4. DISPOSITION OF G	as (Sold, used for fu	el, vented, etc.)											
Deviation Survey. Logs previously sent to OCD.  6. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records  SIGNED	ther or american	M P W T B						]	Dan Lou	ign				
6. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  SIGNED			one provi	ouely cont	to OC	ת								
SIGNED TITLE Petroleum Engineer DATE 11/30/93	36. I bereby certify	that the foregoing	and attached in	formation is comp	lete and	correct as	determine	d from all	available r	ecords				
		1 // // //		<b>.</b>										
*(See Instructions and Spaces for Additional Data on Payore St. Ja)	SIGNED	The state of	1/1	_ TITLE	retrol	eum Er	igineer	<del></del>	DATE	11/30/93				
L / LOSE MINIMUM UND JOUCES [C] /\QUINDRIQ DON REVENS 3ME!		*(See 1	nstructions an	d Spaces for A	ddition	al Data	on Rever	se Side)						

	Delaware	7 Rivers	Yates	Ochoan	FORMATION	drill-stem, tests, in recoveries):
	5494	3814	3190	1550	TOP	Cluding depth in
		•	3814	3190	BOTTOM	how all important
	Sand	Dolo	Sand & Dolo	Salt & Anhy	DESCRIPTION, CONTENTS, ETC.	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):
					Z >X E	38.
				MEAS, DEPTH	ı	GEOLOGIC MARKERS
,				VERT. DEPTH	TOP	