Printed

L. M. SANDERS

Title SUPV., REG./PROR. Date

08/03/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special test conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATI

2951 ' 3573 '	T. Canyon 11,5 T. Strawn 12,2 T. Atoka 12,3 T. Miss 13,6 T. Devonian	218' T. Kiri 370' T. Pict 532' T. Clif	lland-Fruit ured Cliff	iland ———— s ————	T. Penn. "B"	
2951 ' 3573 '	T. Strawn — 12,2 T. Atoka 12,3 T. Miss 13,6	218' T. Kiri 370' T. Pict 532' T. Clif	lland-Fruit ured Cliff	iland ———— s ————	T. Penn. "C"T. Penn. "D"	
2951 ' 3573 '	T. Atoka 12,3	370' T. Pict 532' T. Clif	ured Cliff	s ———	– T. Penn. "D" –	
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3573 '	_ T Devonian				l Leadville	
		T. Mei			T. Madison	
	- T. Silurian		ıt Lookou	t	T. Elbert	
3979 '	T. Montoya ————	T. Mai	icos ——		T. McCracken	
4354'	T. Simpson				T. Ignacio Otzte	
5834 '	T. McKee		reenhorn		T. Granite	
5922 '	T. Ellenburger					
	T. Gr. Wash					
		T. Tod	ilto		T	
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DISTRICT I 1625 N. French Dr., Hobbs, NM 68240

State of New Mexico smergy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000 Submit to Appropriate District Office State Lease - 4 Copies
Fee Lease - 3 Copies

W.O. Num. 2000-0638

Certificate No, MACON Meddle Div

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Bresos Rd., Astec, NM 87410

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

TRICT IV . BOX 2088, SANT	A PP N M 85	7504-20 6 8		San	ta Fe,	NM	87505		□ AMENDED	REPORT
, BOX 2000, MANY	2 72, 112- 01		ELL LOCA	ATION A	AND AC	REAG	E DEDICATIO	N PLAT		
API	Number		1	Pool Code				Pool Name		
30-025-35189										
	Property Code Property Name 26695 WEST MALJAMAR "7"						Well Number			
26695				W					Klevatio	
OGRID No				011111		tor Nam	 :UM COMPANY		4217	
01764	<u> </u>	<u> </u>		PHILL						
					Surfac	e Loca			T = 1/= 1 V	C
L or lot No.	Section	Township	Range	Lot Idn	Feet from		North/South line	Feet from the	East/West line	County
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		<u> </u>	Bottom	Hole Lo	cation I	Diffe	erent From Sur		T	1 4 1
or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County
320 4	9		consolidation		MPLETIO	 N IINT	TL ALL INTERES	TS HAVE BEEN	CONSOLIDATE	D OR
COUNTY OF HON ROOM	6 _{Uno}	E - 2682.8		TOUTO TO TO	F. S.		- 2640.1' CO	I here contained here best of my kno Signature L. M. Printed Nam Supv., Title 06/05/ Date	Regulation Prora	formation lete to the
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- 2640.9'

S 89'27'26" W

S 89'27'53" W - 2694.4'

State of New Mexico Form C-105 Submit to Appropriate District Office State Lease - 6 copies Revised March 25, 1999 Minerals and Natural Resources Ener Fee Lease - 5 copies WELL API NO. District I 1625 N. French, Hobbs, NM 88240 30-025-35189 OIL CONSERVATION DIVISION District II 5. Indicate Type Of Lease 811 South First, Artesia, NM 87210 2040 South Pacheco STATE X FEE District III Santa Fe, NM 87505 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. District IV 2040 South Pacheco, Santa Fe, NM 87505 WELL COMPLETION OR RECOMPLETION REPORT AND LOG 7. Lease Name or Unit Agreement Name 1a. Type of Well: DRY 🔲 GAS WELL X OIL WELL OTHER_ WEST MALJAMAR -7b. Type of Completion: NEW WORK DEEPEN DEEPEN DIFF. OTHER 8. Well No. 2. Name of Operator Phillips Petroleum Company 9. Pool name or Wildcat 3. Address of Operator WILDCAT (ATOKA) 4001 Penbrook Street Odessa, TX 79762 4. Well Location SOUTH Line and 1422 Feet From The EAST Unit Letter J: 1669 Feet From The _____ NMPM LEA Range 33-E Township 17-S 13. Elevations (DF & RKB, RT, GR, etc.) 14. Elev. Casinghead 12. Date Compl. (Ready to Prod.) 11. Date T.D. Reached 10. Date Spudded 4217 'GL/4234 'KB/4235 'RKB 04/18/01 02/14/01 12/04/00 18. Intervals Drilled By Cable Tools 17. If Multiple Compl. How Many Zones? N/A Rotary Tools 16. Plug Back T.D. 15. Total Depth N/A ALL <u>13,7</u>70' 13,275 20. Was Directional Survey Made 19. Producing Interval(s), of this completion - Top, Bottom, Name ATOKA (12,914-12,924') 22. Was Well Cored 21. Type Electric and Other Logs Run YES - SIDEWALL (27 TOTAL) SDL/DSN/CSNG/FWS/GR; DLL/FWS/MSFL/GR; RSCT/GR CASING RECORD (Report all strings set in well) 23 AMOUNT PULLED CEMENTING RECORD HOLE SIZE **DEPTH SET CASING SIZE** WEIGHT LB./FT. N/A 17-1/2" 500 SX CL "C" 54.5#, J-55 400' 13-3/8" N/A 1490 SX INTERFILL "C" 12-1/4" 4,6241 40#, J-55 9-5/8" N/A + 250 SX PREM N/A 1000 SX SUPER "H" 7-7/8" 13,7701 5-1/2" 17&20#, N-80 2.5. TUBING RECORD LINER RECORD 24. PACKER SET **DEPTH SET** SIZE BOTTOM SACKS CEMENT SCREEN TOP SIZE 12,8481 12,874' 2-7/8" 27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC. 26. Perforation record (interval, size, and number) AMOUNT AND KIND MATERIAL USED DEPTH INTERVAL WOLFCAMP-10013-037'/10588-593'/10604-612'-2SPF, 4" GUN 2500 GALS MOD 202 ACID 10,013'-10,037' 1500 GALS MOD ACID ATOKA-12914-924'-4 SPF - 41 SHOTS 10588-5931/10604-MORROW-13417-422'/13570-574'-4 SPF - 38 SHOTS ACID FRAC W/10000G ACID+11500G GEI 10,588'-10,612' **PRODUCTION** 28. Well Status (Prod. or Shut-in) Production Method (Flowing, gas lift, pumping - Size and type pump) Date First Production PROD. FLOWING 04/18/01 Gas - Oil Ratio Gas - MCF Water - Bbl. Oil - Bbl. Prod'n For Date of Test Hours Tested Choke Size Test Period 14,207 9 412 14/64 04/27/01 24 Oil Gravity - API -(Corr.) Water - Bbl. Gas - MCF Casing Pressure Calculated 24-Oil - Bbl. Flow Tubing Hour Rate Press.

30. List Attachments

C-104

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Printed
Name

L. M. SANDERS

Title

SUPV., REG./PROR. Date

08/03/01

412

29

N/A

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

800#

SOLD

51.4

Test Witnessed By

9

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special test conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATI Southeastern New Mexico Northeastern New Mexico

T. Anhy	·		T. Canyon	11,982'	T. Oio	Alamo		T. Penn. "B"
				12,218'			tland ——	
				12,370'			š ———	
T. Yates	S		T. Miss					
T. 7 Riv	ers	2951	T. Devonian		T. Men	efee		T. Madison
T. Quee	n	3573	T. Silurian		T. Poin	t Lookou	t	T. Elbert
T. Grayl	burg	3979	T. Montoya ——	T. Montoya		cos —		T. McCracken —
	Andres							
T. Glori	eta	5834						
	ock							
T Bline	bry		T. Gr. Wash					
T. Tubb		7235			T. Todi	lto		Т
	card				T. Entra	ada		T
T. Abo.		7900	_ T. LOVINGTON		T. Wing	gate		T
	camp	9750	T. CLEAR FORK	60281	T. Chin	le		T.
T. Penn			T. MORROW LM.	13,068'	T. Perm	nain		T
T. Cisco	(Bough (C) <u>10,812'</u>	T.MORROW CLASTICS	13,300'	T. Penn	"A"		T
								OIL OR GAS
								SANDS OR ZONES
No. 1, fr	om		to		No. 3	, from		to
No. 2, fr	om		to					to
			IMPO	DRTANT	WATE	RSAN	ns	
Include	data on ra	te of water int	flow and elevation to which	ch water rose	e in hole	IN OAIN	D 3	
No. 1, fr	om		to		c m noic,		feet	
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Form C-103 State of New Mexico Submit 3 Copies To Appropriate District Revised March 25, 1999 Energy, Minerals and Natural Resources Office WELL API NO. District I 1625 N. French Dr., Hobbs, NM 87240 30-025-342 OIL CONSERVATION DIVISION District II 5. Indicate Type of Lease 811 South First, Artesia, NM 87210 2040 South Pacheco FEE \square District III STATE X Santa Fe, NM 87505 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. District IV 2040 South Pacheco, Santa Fe, NM 87505 7. Lease Name or Unit Agreement Name: SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH WEST MALJAMAR -7-PROPOSALS.) 1. Type of Well: Oil Well Gas Well X Other 8. Well No. 2. Name of Operator Phillips Petroleum Company 9. Pool name or Wildcat 3. Address of Operator WILDCAT (WOLFCAMP)/WILDCAT(ATOKA) 4001 Penbrook Street Odessa, TX 79762 4. Well Location EAST 1422 line SOUTH feet from the_ line and_ 1669 feet from the_ LEA County 33-F **NMPM** Township 17-S Range Section 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 4217' GR 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: ALTERING CASING REMEDIAL WORK PLUG AND ABANDON PERFORM REMEDIAL WORK PLUG AND COMMENCE DRILLING OPNS. CHANGE PLANS **TEMPORARILY ABANDON ABANDONMENT** CASING TEST AND MULTIPLE PULL OR ALTER CASING **CEMENT JOB** COMPLETION [X]OTHER: ACIDIZE ATOKA PERFS OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation. 7/11/01 - MI RU HALLIBURTON, FLO CO2, GUARDIAN ON WELL. LAY TEST LINES. PUT TREE SAVER IN WELL-HEAD. RU ON CSG TO PRESS UP BACK SIDE. UNABLE TO PRESS UP. CSG ON VACUUM. PUMPED 62 BBLS 6% KCL. MI RU COYOTE PUMP TRUCK, PUT IT ON CSG. PUMP 1500 GAL CLAY SAFE 5,& CO2 IN ATOKA. PUMP DOWN CSG & TBG @ SAME TIME. TRYING TO GET A BALANCE OF PRESS. CSG PRESS BEGINS TO COME UP ALONG w/THE TBG PRESS. 5367 ON TBG, 4336 ON CSG. 8985 ON TBG, 3808 ON CSG. 6500 ON TBG, 5272 ON CSG. TBG PRESS , ISIP 5016, 5 MIN SHUT IN 4741 PSI. CSG PRESS. ISIP 4616, 5 MIN 2770. SHUT WELL IN. RD HALLIBURTON DOWN OFF TBG. PUMPED 93 BBL FLUID, 41 TONS CO2. RD TREE SAVER, NU FLOW BACK TO MANIFOLD. OPEN UP TO PIT THROUGH 12/64 CHOKE. 2200 PSI. IN 30 MIN TBG PRESS 700 & CSG @ 900 PSI. WELL BACK FLOWING THROUGH THE NIGHT. (GUARDIAN REP ON LOCATION). *** CONTINUED ON BACK *** I hereby certify that the information above is true and complete to the best of my knowledge and belief. TITLE SUPV. REGULATION/PRORATION 07/27/01 _DATE_ SIGNATURE. 915/368-1488 Telephone No. Type or print name L.M. SANDERS (This space for State use) LIVER DATE TITLE

APPROVED BY_

Conditions of approval, if any:

WEST MALJAMAR "7" #1 (CONTINUED)

7/12/01 - WELL ON FLARE TO BLOW DOWN PIT. (NOT DRILLING PIT). TBG PRESS @ 30 PSI, CSG 0 PSI. GETTING BACK CO2 GAS. AT 2000 HOURS, WE WERE ABLE TO LITE OFF FLARE. FLARE BURNED THROUGH OUT THE NIGHT. NO INCREASE IN GAS VOLUME AT ALL. 20-30 MCF GAS GOING TO FLARE. SHUT WELL IN, RD GUARDIAN. PUMPED 65 BBLS 6% KCL DOWN CSG. 4.5 BPM. WELL ON VACUUM AT END OF FLUID. MI RU POOL SWAB UNIT. TBG PRESS 30 PSI, CSG PRESS 0 PSI. FLUID LEVEL @ 3500'. AT 1500 HRS, MADE 15 SWAB RUNS, 90 BBLS WATER RECOVERED. FLUID LEVEL @ 1200 HRS @ 3700-3900'. AT 1500 HRS LEVEL UP TO 3200'. GETTING BACK CO2 GAS IN FLUID.

7/13/01 - TBG PRESS 520 PSI, CSG PRESS 540 PSI. FLUID LEVEL @ 1500' FROM SURFACE. SWAB BACK 100-110 BBLS w/A 10% OIL CUT. FLUID LEVEL CONSTANT @ 3300' FOR 4 HOURS. FLUID SCATTERED, FINAL LEVEL @ 3700'. PULLING SWAB FROM @ 7000'. CSG PRESS 50 PSI AT END OF DAY. SHUT WELL IN.

7/14/01 - WELL SHUT IN; TBG PRESS 750, CSG 800 PSI.

7/15/01 - TBG PRESS 1500, CSG PRESS 1500 PSI. OPEN WELL UP THROUGH SYSTEM DOWN GAS SALES. FLOW RATE OF 1185 MMCF GAS. WELL ON LINE FOR 2 HOURS, TBG PRESS 1000 PSI, CSG PRESS 1200 PSI. AT 1500 HOURS TBG PRESS 80 PSI, CSG PRESS 450 PSI, SHUT WELL IN, FOR PRESS BUILD UP.

7/16/01 - WELL SHUT IN; TBG PRESS 1200 PSI, CSG 1200 PSI. (WELL STILL SHUT IN).

7/17/01 - TBG PRESS 1400 PSI, CSG PRESS 1350 PSI. OPEN WELL UP THROUGH 7/64 CHOKE, FLOW RATE OF 450 MCF GAS.

7/18/01 - 24 HR PROD; TBG PRESS 300 PSI, CSG PRESS 600 PSI, 40 BBLS OIL, 10 BBLS WATER, 90 MCF GAS. FLOW RATE @ 11:00 AM, 103 MCF GAS, 8/64 CHOKE.

7/19/01 - 24 HOUR PROD; 10 BBLS OIL, 26 BBLS WATER, 43 MCF GAS. TBG PRESS 300 PSI, CSG PRESS 600 PSI. (DROP FROM REPORT).



APPROVED BY_

Conditions of approval, if any:

DATE



PATTERSON DRILLING COMPANY LP

— A LIMITED PARTNERSHIP —

410 North Loraine Street • Midland, Texas 79701 (915) 682-9401 • Fax (915) 682-1565

March 2, 2001

Phillips Petroleum Company 4001 Penbrook Odessa, TX 79762

Re:

Deviation Report Malmajar West 7-1 Sec. 7, T-17-S, R-33-E

Unit J 1669/5 \$ 1422/E 30.025-35189

Gentlemen:

The following is a deviation survey on the above-referenced well located in Lea County, New Mexico.

11,0 10					
200' - 0.75 369' - 0.75 843' - 0.25 1339' - 0.75 1820' - 1.00 2318' - 1.50 2825' - 3.25 2888' - 3.00 2951' - 2.75 3014' - 3.25 3076' - 2.00 3330' - 1.00 3583' - 0.75 3839' - 0.75 4092' - 1.50 4158' - 1.75 4286' - 2.25 4348' - 2.00 4412' - 1.75	4475' - 1.75 4538' - 1.75 4617' - 2.25 4722' - 1.00 4815' - 1.00 5003' - 1.00 5219' - 1.75 5263' - 1.00 5380' - 1.00 5474' - 1.00 5593' - 1.50 5612' - 1.00 5648' - 1.00 6048' - 1.00 6112' - 1.00 6232' - 1.50 6269' - 1.00 6429' - 1.00	6492' - 1.00 6683' - 1.00 6710' - 1.75 6843' - 1.00 7000' - 1.00 7158' - 1.00 7252' - 1.00 7405' - 1.00 7531' - 0.75 7599' - 1.00 7759' - 1.00 8005' - 1.25 8075' - 1.00 8232' - 1.00 8390' - 1.00 8480' - 1.25 8549' - 1.00 8710' - 1.00	8806' - 1.00 8935' - 1.00 9050' - 1.00 9155' - 1.00 9250' - 1.00 9346' - 1.00 9473' - 1.00 9725' - 1.00 9846' - 0.75 9947' - 1.00 10041' - 1.00 10230' - 1.00 10230' - 1.00 10419' - 1.00 10514' - 1.00 10608' - 1.00 10703' - 1.00	10745' - 0.75 11047' - 1.00 11141' - 1.00 11330' - 1.00 11424' - 1.00 11551' - 1.00 11551' - 1.00 11646' - 1.00 11767' - 0.75 11929' - 1.00 12011' - 1.00 12011' - 1.00 12119' - 1.00 12214' - 1.00 12252' - 1.00 12309' - 1.00 12405' - 1.00 12598' - 1.00	12694' - 1.00 12769' - 1.00 12865' - 1.00 12962' - 1.00 13058' - 1.00 13110' - 2.00 13238' - 2.00 13335' - 2.00 13400' - 1.00 13587' - 1.00 13600' - 1.00 13770' - 1.00

Sincerely,

Treva Forrester

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing was acknowledged before me this 2nd day of March, 2001 by Treva Forrester.

MY COMMISSION EXPIRES: