01L ET GAB	Form 3160-5 Navenable 1983)	UNITED STA DEPARTMENT OF TH BUREAU OF LAND MA	TES Drawer Artes E INTERIOR	DD SUBALT IN THE THE SUBALT IN THE THE SOLDING INSTRUCTION Verse side)	LICATE B	orm approved. udget Bureau No. xpires August 31, se besignation and 0479142	1985 BREIAL NO.
************************************	0 10 (Do not use this	IDRY NOTICES AND RI	EPORTS ON epen or plug back to "for such pre-	WELLS		IDIAN, ALLOTTEE OR	TEIDE NAME
Phillips Petroleum Company C. L. D. James B Fed 3. assess of organized C. L. D. James B Fed 4. doctions of organized In the second secon	OIL CAS WELL	ОТ ОТ 2 52	APR 2	0 1993	7. UNE	AGEBSMENT NAME	
4001 Pembrook Street, Odessa, TX 79762 4 4 4 4 4 1001 Pembrook Street, Odessa, TX 79762 4 4 4 4 4 1001 Pembrook Street, Odessa, TX 79762 4 4 1001 Pembrook Street, Odessa, TX 79762 4 4 1001 Pembrook Street, Odessa, TX 79762 1 4 1001 Pembrook Street, Odessa, TX 79762 1 4 1001 Pembrook Street, Odessa, TX 79762 1 1 1001 Pembrook Street, Odessa, TX 79762 1<	Phillips Pet:		Ċ.	L. D.	Jan	es E Fed	
 Locations or with (Reset loss dealty and is accordance with any Blats requirements.⁴ Unit A, 760' FNL & 330' FEL II. A rest are need, or wither of any o		-	۲۹762 آ	• ·	1	5 NO.	
At Market Cabin Lake (Delaware Unit A, 760' FNL & 330' FEL It survey is an analysis (Bur whether M, H, G, Gal) It survey is an analysis (Bur whether M, H, G, Gal) 30-015-26371 3208' GL It compt on survey is Box 0.1, 22-S, 30-E it Check Appropriets Box To Indicate Netwer of Notice, Report, or Other Date it Check Appropriets Box To Indicate Netwer of Notice, Report, or Other Date its or a stress stress or interstore To: stress stress its or a stress stress stress stress stress its or a stress stress stress stress stress its or a stress stress stress stress stress its or as stress stress stress stress stress its or astress stress stresst	4. LOCATION OF WELL (Report location clearly and in accords	ance with any State	requirements.*	1 -		
14. H. BUNKTON (Drew Vellew W. Fr. G. Sch.) 11. GOUDT OF PARIAB 11. FINANCE 30-015-26371 3208' GL Eddy NM 14. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Date Subsport as an of the state of th	At surred				Cab	in Lake (De	laware
14. H. BUNKTON (Drew Vellew W. Fr. G. Sch.) 11. GOUDT OF PARIAB 11. FINANCE 30-015-26371 3208' GL Eddy NM 14. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Date Subsport as an of the state of th					Sec	. 11, 22-S,	30-E
30-015-26371 3208' GL Eddy NM 14 Check Appropriate Box To Indicate Notice of Notice, Report, or Other Data STEREY OF THE SECTORS STEREY O	14. PERMIT NO.	15. ELEVATIONS (SE	how whether DF, BT, G	. sta.)			
Description for: Subsequence of the second sec	30-015-26371	. 3208	3' GL				
Description for: Subsequence of the second sec	16.	Check Appropriate Box Ta	Indicate Nature	of Notice, Rep	ort, or Other Da		
THET WATHE ANDTON FILL OR LATTRE CARING WATHE SUBJORT SAFARING VELL PARTORS THAT SAFARING CONFERT SAFARING CARING SAFARING CARING SEATER WILL CHARGE PLANS CHARGE PLANS SAFARING CARING 17. DEFINITE PROPERTS OF CONFERTS CHARGE PLANS CHARGE PLANS CHARGE PLANS 17. DEFINITE PROPERTS OF CONFERTS CHARGE PLANS CHARGE PLANS CHARGE PLANS CHARGE PLANS 17. DEFINITE PROPERTS OF CONFERTS CHARGE PLANS CHARGE PLANS CHARGE PLANS SAFARING ON PLANS 17. DEFINITE PROPERTS OF CONFERTS CHARGE PLANS CHARGE PLANS CHARGE PLANS CHARGE PLANS 17. DEFINITE PROPERTS OF CONFERTS CHARGE PLANS CHARGE PLANS CHARGE PLANS SAFARING ON PLANS 17. DEFINITE PROPERTS CONFINITED OFFERTIONS (CHARGE PLANS CHARGE PLANS CHARGE PLANS SAFARING ON PLANS 17. DEFINITE PROPERTS CONFINITED OFFERTIONS (CHARGE PLANS CHARGE PLANS CHARGE PLANS CHARGE PLANS 17. DEFINITE PROPERTS CONFINITED OFFERTIONS (CHARGE PLANS CHARGE PLANS CHARGE PLANS CHARGE PLANS CHARGE PLANS 18. CHARGE PLANS CHARGE PLANS CONFINITED OFFERTIONS (CHARGE PLANS			I			,	
PACTURE TRACT PACTURE TRACT NULTIPLE CONFLORT ALENDER ALENDER PACTURE TRACT BEATHERT ALENDER ALENDER ALENDER ALENDER PACTURE TRACTURE TRAFTERE ALENDER ALENDER ALENDER ALENDER ALENDER ALENDER PACTURE TRAFTERET ALENDER <	**** WATER 8805-0						[]
 ALABORT ALABORT							
REFAILS WELL CHARGE FLANS (Other) Add Perfs Acdz, Squz, & Frac (Other) Ministration of the second s							'
(other) Add Perfs Acdz, Squz, & Frac X Competition of second-tools and provide and the second second second secon						vevndon X sn1.	
 1. Mickly movable of completes organized (Clerify state all perifered deals, and give perifered deals, and give perifered deals, and give perifered deals, and give perifered deals of starting and packer. 1. Mickly DDU. Pull rods and pump. NU BOP. 2. Release packer. COOH with 2-7/8" production tubing and packer. 3. Set RBP at ±6950'. Test RBP to 1000 psi. Dump 3 sx sand. 4. GIH with 2-7/8" tubing to ±6910'. Spot 35 sx Class "C" Cement with .6% Halad-322 (calc TOC @6560'). Pull up hole to ±6550'.Circulate excess cmt. 5. Hesitate squeeze Delaware perforations 6814-6902'. 6. Shut-in well 18 hours to allow cement to cure. 7. Tag top of cement. COOH with 2-7/8" tubing. GIH with bit, drill collars, & SN on 2-7/8" tubing. Drill out cement plug to ±6910'. 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' com 2-7/8" tub; as follows: Frac Fluid: 6,000 gals 35-1b linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-1b gel (3% diesel) pat and 2,500 gals 35-1b. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 16. This space for Federal of States end correct submet and the states and contained at the forgolar is true and correct at the forgolar is true and correct submet of the states and contained at the forgolar is true and correct at the forgolar is true and correct at the forgolar is true and correct at the forgolar is true and corre					rt results of multip	de completion on W	
 3. Set RBP at ±6950'. Test RBP to 1000 psi. Dump 3 sx sand. 4. GIH with 2-7/8" tubing to ±6910'. Spot 35 sx Class "C" Cement with .6% Halad-322 (calc TOC @6560'). Pull up hole to ±6550'.Circulate excess cmt. 5. Hesitate squeeze Delaware perforations 6814-6902'. 6. Shut-in well 18 hours to allow cement to cure. 7. Tag top of cement. COOH with 2-7/8" tubing. GIH with bit, drill collars, & SN on 2-7/8" tubing. Drill out cement plug to ±6910'. 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-1b linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-1b gel (3% diesel) pad and 2,500 gals 35-1b. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SIM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 16. Ibereby certify that the foregoing is true and correct SIGNED Action of Foderal er Sate effect of TITLE SUPV. Regulatory Affairs 03-15-93 (915) 368-1488 17. The Support of Network Starme APPROVED BY Constant of Starme Starme	1. MI&RU DDU.	Pull rods and pur	mp. NU BOP	•			sones perti-
 4. GIH with 2-7/8" tubing to ±6910'. Spot 35 sx Class "C" Cement with .6% Halad-322 (calc TOC @6560'). Pull up hole to ±6550'.Circulate excess cmt. 5. Hesitate squeeze Delaware perforations 6814-6902'. 6. Shut-in well 18 hours to allow cement to cure. 7. Tag top of cement. COOH with 2-7/8" tubing. GIH with bit, drill collars, & SN on 2-7/8" tubing. Drill out cement plug to ±6910'. 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve REP at ±6950. Reset REP to ±6000'. Test REP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-1b linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-1b gel (3% diesel) pad and 2,500 gals 35-1b. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve REP at ±6000'. Reset REP to ±5850'. Test REP to 1000 psi. Dump 2 sx sand. 16. I bereby cettly that the foregoing is true and correct signed by Adam Salarneh (915) 368-1488 17. M. Sanders 	2. Retease pa	CREP. COOR WILL 2-	-7/6 produ		ig and pack	ter.	
Halad-322 (calc TOC @6560'). Pull up hole to ±6550'.Circulate excess cmt. 5. Hesitate squeeze Delaware perforations 6814-6902'. 6. Shut-in well 18 hours to allow cement to cure. 7. Tag top of cement. COOH with 2-7/8" tubing. GIH with bit, drill collars, & SN on 2-7/8" tubing. Drill out cement plug to ±6910'. 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-1b linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-1b gel (3% diesel) pad and 2,500 gals 35-1b. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 16. I broky cruft that the foregoing is true and correct SIGNED (Marked State edge us) (Over) 17. M. Sanders (Over) 17. M. Sanders (Over) 17. The Super for Federal or State edge us) (Over) 17. M. Sanders (17. 9) 17. M. Sanders (17. 9) 17. THE Super Super State edge us) (17. 9) 17. M. Sanders (17. 9) 17. M. Sanders (17. 9) 17. Super Super State edge us) (17. 9) (17. 9) 17. 9) 17. Pare (17. 9) 17. 9) 18. 1 broky cently that the foregoing is true and correct 17. 9) 17. 9) 17. 9) 17. 9) 17. 9) 17. 9) 18. 1 broky cently that the foregoing is true and correct 17. 9) 18. 1 broky cently that the foregoing is true and correct 19. 1 broky cently that the foregoing is true and corre		$\frac{1}{2}$ $\frac{1}$			sx sand.		·o.
 5. Hesitate squeeze Delaware perforations 6814-6902'. 6. Shut-in well 18 hours to allow cement to cure. 7. Tag top of cement. COOH with 2-7/8" tubing. GIH with bit, drill collars, & SN on 2-7/8" tubing. Drill out cement plug to ±6910'. 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-1b linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-1b gel (3% diesel) pad and 2,500 gals 35-1b. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SIM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I broky crulty that the foregoing is true and correct signate cruct or the foregoing is true and correct (9 pt) 368-1488 (Over) 18. I broky crulty that the foregoing is true and correct signate or for Foleral or State edge case) (9 pt) 368-1488 (This space for Foleral or State edge case) (9 pt) 368-1488 	Halad 222	$(a) = 7/6^{\circ}$ cubing to ± 0.5	Dull up h	35 BX CLAS	ss "C" Ceme	ant with .6	h
 6. Shut-in well 18 hours to allow cement to cure. 7. Tag top of cement. COOH with 2-7/8" tubing. GIH with bit, drill collars, & SN on 2-7/8" tubing. Drill out cement plug to ±6910'. 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-1b linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-1b gel (3% diesel) pad and 2,500 gals 35-1b. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 16. I broby cettly that the forgoing is true and correct (Over) 17. M. Sanders TITLE Supv. Regulatory Affairs 03-15-93 (17/9) 18. I broby cettly that the forgoing is true and correct (17/9) 	F Hogitato		fornationa	DIE CO <u>+</u> 053	of .Circuia	ite excess	CINC.
 7. Tag top of cement. COOH with 2-7/8" tubing. GIH with bit, drill collars, & SN on 2-7/8" tubing. Drill out cement plug to ±6910'. 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-1b linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-1b gel (3% diesel) pad and 2,500 gals 35-1b. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeky critify that the foregoing is true and correct (Over) 19. I breeky critify that the foregoing is true and correct Over the foregoing is true and correct Over the foregoing is true and correct (1.1. M. Sanders TITLE Supv. Regulatory Affairs 03-15-93 108-1488 	5. Residue E	ll 19 hours to allo	lorations (5814-6902° .	•		
& SN on 2-7/8" tubing. Drill out cement plug to ±6910'. 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-lb linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-lb gel (3% diesel) pad and 2,500 gals 35-lb. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I bereby certify that the foregoing is true asd correct signed by Adam Salameh APPROVED BY	7 Tag top of	accord COON with	v cement to	o cure.		den (1 1	
 8. Make swab run to check for fluid entry from squeezed perfs 6814-6902'. 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-1b linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-1b gel (3% diesel) pad and 2,500 gals 35-1b. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. (Over) 18. I breeby certify that the foregoing is true and correct signed by Adam Salameh (915) 368-1488 (This space for Federal of State edge use) Org. Signed by Adam Salameh TITLE 		7/91 tubing Drill		bing. Gin	with Dit ,	drill coll	ars,
 9. COOH with 2-7/8" tubing, SN, drill collars & bit. 10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-lb linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-lb gel (3% diesel) pad and 2,500 gals 35-lb. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeby certify that the foregoing is true and cerrect signed for Federal or State effect as and entered to 1000 pair. Dump 2 (17/9) 	8 Make sush	mup to sheak for fl	uid entry	from games	collor.	501A 60007	
10. Retrieve RBP at ±6950. Reset RBP to ±6000'. Test RBP to 1000 psi. Dump 2 sx sand. 11. Perforate with 4" casing gun, 1 JSPF. 5902-5924'=23 shots. 12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-lb linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-lb gel (3% diesel) pad and 2,500 gals 35-lb. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeby certify that the foregoing is true and correct sioned 19. TITLE Supv. Regulatory Affairs 03-15-93 0478 ([17] 9]	9. COOH with	$2-7/8^{\circ}$ tubing SN	drill coll:	are £ hit	ed berrs (014-0902.	
12. Treat perforations 5902-5924' with 1100 gallosn 7-1/2% NeFe HCl acid. Swab. 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-lb linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-lb gel (3% diesel) pad and 2,500 gals 35-lb. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breby critify that the foregoing is true and correct signmed by Adam Salameh APPROVED BY APPROVED BY TITLE TITLE Date 4(17/9)	10. Retrieve F	BP at ± 6950 . Reset	: RBP to ± 60	000'. Test	RBP to 10) 00 psi. D	ump
 13. Fracture treat the Delaware through perforations 5902-5924' down 2-7/8" tbg. as follows: Frac Fluid: 6,000 gals 35-lb linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-lb gel (3% diesel) pad and 2,500 gals 35-lb. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeby certify that the foregoing is true and correct signed by Adam Salameh (Over) 							
as follows: Frac Fluid: 6,000 gals 35-lb linear gel (3% diesel) prepad, 31,000 gals borate x-linked 35-lb gel (3% diesel) pad and 2,500 gals 35-lb. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeby certify that the foregoing is true and correct SIGNED	12. Treat perf	orations 5902-5924'	with 1100	gallosn 7-	1/2% NeFe	HCl acid.	Swab.
31,000 gals borate x-linked 35-lb gel (3% diesel) pad and 2,500 gals 35-lb. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeby certify that the foregoing is true and correct SIGNED	13. Fracture t	reat the Delaware t	hrough per:	forations 5	5902-5924'	down 2-7/8	" tbg.
31,000 gals borate x-linked 35-lb gel (3% diesel) pad and 2,500 gals 35-lb. linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeby certify that the foregoing is true and correct SIGNED	as follows	: Frac Fluid: 6,000) gals 35-11	b linear ge	el (3% dies	sel) prepad	l, Ū
<pre>linear gel (3% diesel) carrying 21,250 lbs 16/30 mesh Ottawa Sand. 14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeby certify that the foregoing is true and correct</pre>	31,000 gal	s borate x-linked 3.	5-1b gel (3	8% diesel)	pad and 2,	,500 gals 3	5-1b.
14. RIH with SLM and tag fill. Clean out to ±6000' if necessary. 15. Retrieve RBP at ±6000'. Reset RBP to ±5850'. Test RBP to 1000 psi. Dump 2 sx sand. 18. I breeby certify that the foregoing is true and correct Supv. Regulatory Affairs 03-15-93 L. M. Sanders (Over) Orig. Signed by Adam Salameh APPROVED BT DATE Y (17/9)	linear gel	. (3% diesel) carryi	ng 21,250	lbs 16/30 m	nesh Ottawa	a Sand.	
2 sx sand. (Over) 18. I breeby certify that the foregoing is true and correct (Over) signed I. M. Sanders TITLE Supv. Regulatory Affairs 03-15-93 (This space for Federal or State office use) (915) Orig. Signed by Adam Salameh (917/93) APPROVED BT TITLE	14. RIH with S	LM and tag fill. C	lean out to	> <u>+</u> 6000′ if	necessary	7•	
18. I hereby certify that the foregoing is true and correct (Over) SIGNED II. M. Sanders TITLE (This space for Federal or State effect use) 03-15-93 Orig. Signed by Adam Salameh Orig. Signed by Adam Salameh APPROVED BT TITLE			et RBP to \pm	5850'. Tea	t RBP to 1	1000 psi.	Dump
SIGNED L. M. Sanders TITLE Supv. Regulatory Affairs 03-15-93 (This space for Federal or State office use) Orig. Signed by Adam Salameh APPROVED BT TITLE DATE 9/(17/9)				·		(Over)	
(This space for Federal or State office use) Orig. Signed by Adam Salamen APPROVED BY	A	n Charles	Supv. 1	Regulatory	Affairs	03-15-9	3
(This space for Pederal or State office use) Orig. Signed by Adam Salamen APPROVED BY	BIGNED	L. M. Sanders	TITLE				_
APPROVED BY TITLE DATE ((17/9)				S ENGINEEN			×
						ulinte	9.2
			TITLE		DA		12
						ν.	

*See Instructions on Reverse Side

- 16. Perforate 5-1/2" casing with 4" casing gun, 1 JSPF: 5748-5770' = 23 shots.
- 17. Treat Perforations 5748-5770' with 1100 gals. 7-1/2% NeFe HCl acid. Swab.
- 18. Fracture treat the Delaware through perforations 5748-5770' down 2-7/8" tubing as follows: Frac Fluid 6,000 gals. 35-lb linear gel (3% diesel) prepad, 33,000 gals. borate x-linked 35-lb. gel (3% diesel) pad and 2,350 gals 35-lb. linear gel (3% diesel) carrying 19,875 lbs. 16/30 mesh Ottawa sand.
- 19. RIH with SLM and tag fill. Clean out to ± 5850 ' if necessary.
- 20. Retrieve RBP at ± 5850 '. Reset RBP to ± 5720 '. Test RBP to 1000 psi. Dump 2 sx sand.
- 21. Perforate 5-1/2" casing with 4" casing gun, 1 JSPF 5656-5676' = 21 shots.
- 22. Treat perforations 5656-5676' with 1000 gals 7-1/2% NeFe HCl acid. Swab.
- 23. Fracture treat the Delaware through perforations 5656-5676' down 2-7/8" tubing as follows: Frac fluid: 5,000 gals 35-lb. linear gel (3% diesel) prepad, 30,000 gals borate x-linked 35-lb gel (3% diesel) pad and 1,950 gals 35-lb. linear gel (3% diesel) carrying 16,500 lbs. 16/30 mesh Ottawa Sand.
- 24. RIH with SLM and tag fill. Clean out to ± 5720 ' if necessary.
- 25. Retrieve RBP at ± 5720 '. Reset RBP to ± 6000 '.
- 26. RIH with SLM and tag fill. Clean out to 6000' if necessary. Retrieve RBP at ± 6000 '. COOH with RBP.
- 27. GIH with 2-7/8" production tubing. Set end of sand screen joint at $\pm 5580^{\circ}$, SN at $\pm 5550^{\circ}$ and tubing anchor at $\pm 5490^{\circ}$.
- 28. GIH with pump and rod string.
- 29. Return well to production with the existing 102" stroke at 8.5 spm.

AF:ehg 03-16-93







Job separation sheet

Submit 5 Copies Appropriate District Office DISTRICT I		lew Mexico nural Resources Departm	Form C-104 Revised 1-1-89 See Instructions	
P.O. Box 1980, Hobbs, NM 88240 <u>DISTRICT II</u> P.O. Drawer DD, Artesia, NM 88210	P.O. B	ATION DIVISION	at Bottom of Page 8 1993	
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 I.	REQUEST FOR ALLOWA		C. D.	
Operator Phillips Petro		Well	API No. 30-015-26371	
Address	Street, Odessa, TX		20371	
Reason(s) for Filing (Check proper box) New Well Recompletion Change in Operator	Change in Transporter of: Oil Dry Gas Casinghead Gas X Condensate	Other (Please explain) To Change Effe	ctive Date 10-25-90	
If change of operator give name and address of previous operator				
IL DESCRIPTION OF WELL Lease Name	Well No. Pool Name, Includ		of Lease Lease No. Federal or Fee NM 0470142	
James E Fed	·····	ake (Delaware)	[NM 0479142	
Unit LetterA			eet From The <u>East</u> Line	
Section 11 Townsh	aip 22-S Range 30-	E, NMPM,	Eddy County	
III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil	NSPORTER OF OIL AND NATU	RAL GAS Address (Give address to which approved	t copy of this form is to be sent)	
Phillips Petroleum	n Company Trucks	P.O. Box 791, Midl	and.TX 79702	
Name of Authorized Transporter of Casis Llano, Inc.	aghead Gas 🕎 or Dry Gas 🥅	Address (Give address to which approved 921 W. Sanger, Hob		
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. B 11 22S 30E	Is gas actually connected? When Yes 1	2/21/90	
If this production is commingled with that IV. COMPLETION DATA	t from any other lease or pool, give comming	ling order number:		
Designate Type of Completion	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v Diff Res'v	
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.	
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth	
Perforations	<u></u>	<u> </u>	Depth Casing Shoe	
	· · · · · · · · · · · · · · · · · · ·	CEMENTING RECORD		
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT	
V. TEST DATA AND REQUE	ST FOR ALLOWABLE			
OIL WELL (Test must be after Data First New Oil Run To Tank	recovery of total volume of load oil and mus	t be equal to or exceed top allowable for th Producing Method (Flow, pump, gas lift,	is depth or be for full 24 hours.) etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size	
-		Water - Bbis.	Gas- MCF	
Actual Prod. During Test	Oil - Bbls.		1	
	Oil - Bbls.			
GAS WELL Actual Prod. Test - MCF/D	Oil - Bbls. Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate	
GAS WELL			Gravity of Condensate Choke Size	
GAS WELL Actual Prod. Test - MCF/D Testing Method (pilot, back pr.) VI. OPERATOR CERTIFIC I hereby certify:	Length of Test Tubing Pressure (Shut-in)	Bbis. Condensate/MMCF Casing Pressure (Shut-in)		
GAS WELL Actual Prod. Test - MCF/D Testing Method (pilot, back pr.) VI. OPERATOR CERTIFIC I hereby certify. ¹¹ Division have been complied with and is true and complete to the best of my	Length of Test Tubing Pressure (Shut-in)	Bbis. Condensate/MMCF Casing Pressure (Shut-in)	Choke Size	
GAS WELL Actual Prod. Test - MCF/D Testing Method (pilot, back pr.) VI. OPERATOR CERTIFIC I hereby certify during the state of my Division have been complied with and is true and complete to the best of my	Length of Test Tubing Pressure (Shut-in)	Bbis. Condensate/MMCF Casing Pressure (Shut-in) OIL CONSERV	Choke Size	
GAS WELL Actual Prod. Test - MCF/D Testing Method (pilot, back pr.) VI. OPERATOR CERTIFIC I hereby certify during the state of my Division have been complied with and is true and complete to the best of my	Length of Test Tubing Pressure (Shut-in)	Bbls. Condensate/MMCF Casing Pressure (Shut-in) OIL CONSERV Date Approved	Choke Size	

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
 Separate Form C-104 must be filled for each pool in multiply completed wells.