NO. OF COPIES REC	6						
DISTRIBUTION							
SANTA FE		1					
FILE		1	-				
υ.s.g.s.							
LAND OFFICE	LAND OFFICE						
IRANSPORTER	OIL	/					
IRANSPORTER	GAS	7					
OPERATOR		2					
PRORATION OFFICE							
Operator							
El Paso N	El Paso Natural Gas						
Box 990, Farmington,							
Reason(s) for filing	Reason(s) for filing (Check proper box)						
New Well							
Recompletion							
Change in Ownership							

		THE MEXICO OIL C	ONSERVATION COMMISSION	Form C -104
!	SANTA FE /	REQUEST	FOR ALLOWABLE	Supersedes Old C-104 and C-110
1	FILE /		AND	Effective 1-1-65
ŀ	-	=		
Ĺ	U.S.G.S.	_ AUTHORIZATION TO TRA	INSPORT OIL AND NATURAL GA	NS
1	LAND OFFICE			
	OIL /			
1	TRANSPORTER			
L	GAS /			
	OPERATOR 2			
	PRORATION OFFICE			
4.	Operator	<u></u>		
ĺ	·	- C		
- 1	El Paso Natural Ga	s Company		
Ī	Address			
	Box 990, Farmington	, New Mexico 87401		İ
- 1	6 VI Clark and be		Other (Please explain)	
1	Reason(s) for filing (Check proper box	()	Other (Flease explain)	
i	New We!l	Change in Transporter of:	0 7 14 7	• • • • • • • • • • • • • • • • • • • •
!	Recompletion	Oil Dry Ga	s See Back for Deta	118
			_ _	
1	Change in Ownership	Casinghead Gas Conder	nsate	
•				
	If change of ownership give name			
	and address of previous owner			· · · · · · · · · · · · · · · · · · ·
II	DESCRIPTION OF WELL AND	LEASE		
	Lease Name	Well No. Pool Name, Including F	ormation Kind of Lease	Lease No.
		1 Blanco Mesa		
	Sunray	1 Dianeo Mese	State, resetat	or ree
1	Location			
		O South	and 990 Feet From Th	West
	Unit Letter M; 99	PO Feet From The South Lin	e andFeet From T	le WCSL
- 1				
	Line of Section 5 To	ownship XSEX 29N Range	8W NMPM, San Ju	an County
1	Line of Section 3 To	ownship ASDA 291N Range	, Moreon,	County
111	DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL GA	AS.	
251.	Name of Authorized Transporter of Of	or Condensate	Address (Give address to which approve	d copy of this form is to be sent)
1	Name of Authorized Transporter of Or	or condensate	,	
i	El Paso Natural Gas	Company	Box 990, Farmington, No	w Mexico 87401
	Name of Authorized Transporter of Co	asinghead Gas or Dry Gas X	Address (Give address to which approve	d copy of this form is to be sent)
	1			i de la companya de
	El Paso Natural Gas	Company	Box 990, Farmington, Ne	W Mexico 8/401
		Unit Sec. Twp. Rge.	Is gas actually connected? When	
	If well produces oil or liquids,	M 5 29N 8W		
i	give location of tanks.	M 5 29N 8W	<u> </u>	
	terti-	ith that from any other lease or pool,	give commingling order number:	
		ith that from any other rease or poor,	give comminging order name	
1V.	COMPLETION DATA	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.
	n . m . (C)		New Well Workover Deepen	X Suite Nesv. Din. Nesv.
	Designate Type of Completi	$\operatorname{fon} = (X)$	· · · · · · · · · · · · · · · · · · ·	1 43 1
	<u></u>	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
ļ	Date Spudded	1		5589'
	W/O 6-15-70	7-24-70	560 4'	3309
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top M./Gas Pay	Tubing Depth
			4664'	5494'
ŀ	6372 ' GL	Mesa Verde	1001	
	Perforations 4664-76, 4782-8	8, 4808-20'.		Depth Casing Shoe
- 1		6-12, 5324-30, 5346-52, 5	262_68 5508_14'	5604'
- 1	5252- <u>58, 5276-88, 530</u>	0-12, 3324-30, 3340-32, 3	302-00, 3300-14	0002
ļ		TUBING, CASING, AND	D CEMENTING RECORD	
				SACKS CEMENT
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	150 Sks.
	13 3/4"	CASING & TUBING SIZE	DEPTH SET 173"	150 Sks.
	13 3/4"	CASING & TUBING SIZE 9 5/8" 7"	173' 4600'	300 Sks.
	13 3/4" 8 3/4"	CASING & TUBING SIZE 9 5/8" 7"	173' 4600'	
	13 3/4"	CASING & TUBING SIZE 9 5/8" 7" 4 1/2"	173' 4600' 5604'	300 Sks. 125 Sks.
	13 3/4" 8 3/4"	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8"	173' 4600' 5604' 5494'	300 Sks. 125 Sks. Tubing
v	13 3/4" 8 3/4" 6 1/4"	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8"	173' 4600' 5604'	300 Sks. 125 Sks. Tubing
V.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST I	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a	173' 4600' 5604' 5494'	300 Sks. 125 Sks. Tubing
V.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST I	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de	DEPTH SET 173' 4600' 5604' 5494' Ifter recovery of total volume of load oil a epth or be for full 24 hours)	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow-
V.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST I	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a	DEPTH SET 173' 4600' 5604' 5494' fiter recovery of total volume of load oil a	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow-
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V.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de	DEPTH SET 173' 4600' 5604' 5494' Ifter recovery of total volume of load oil a epth or be for full 24 hours)	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow-
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V.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure	DEPTH SET 173' 4600' 5604' 5494' Ifter recovery of total volume of load oil a spth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow-
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V.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls.	DEPTH SET 173' 4600' 5604' 5494' fter recovery of total volume of load oil a repth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure Water-Bbls.	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow- ctc.) Choke Size Gae-MCFAUG 6 1970 OIL CON. COM. DIST. 3
v .	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure	DEPTH SET 173' 4600' 5604' 5494' Ifter recovery of total volume of load oil a spth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow- Choke Size Gae-MCFAUG 6 1970 OIL CON. COM.
v .	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls.	DEPTH SET 173' 4600' 5604' 5494' fter recovery of total volume of load oil a repth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure Water-Bbls.	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow- ctc.) Choke Size Gae-MCFAUG 6 1970 OIL CON. COM. DIST. 3
v.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 10,174 MCF/D	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls. Length of Test 3 Hours	DEPTH SET 173' 4600' 5604' 5494' fier recovery of total volume of load oil a puth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure Water-Bbls. Bbls. Condensate/MMCF	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow- Choke Size
v.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 10,174 MCF/D Testing Method (pitot, back pr.)	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls. Length of Test 3 Hours Tubing Pressure(Shut-in)	DEPTH SET 173' 4600' 5604' 5494' fier recovery of total volume of load oil a pth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure Water-Bbis. Bbis. Condensate/MMCF Casing Pressure (Shut-in)	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow- etc.) Choke Size Choke Size Choke Size Choke Size Choke Size Choke Size
v.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 10,174 MCF/D	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls. Length of Test 3 Hours	DEPTH SET 173' 4600' 5604' 5494' fier recovery of total volume of load oil a puth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure Water-Bbls. Bbls. Condensate/MMCF	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow- Choke Size
	8 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 10, 174 MCF/D Testing Method (pitot, back pr.) Calculated A. O. F.	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls. Length of Test 3 Hours Tubing Pressure(shut-in) 823	DEPTH SET 173' 4600' 5604' 5494' Ifter recovery of total volume of load oil a septh or be for full 24 howrs) Producing Method (Flow, pump, gas lift) Casing Pressure Water-Bbls. Bbls. Condensate/MMCF Casing Pressure (Shut-in) 823	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow- Choke Size OIL CON. COM. DIST. 3 Gravity of Candensate Choke Size 3/4"
	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 10,174 MCF/D Testing Method (pitot, back pr.)	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls. Length of Test 3 Hours Tubing Pressure(shut-in) 823	DEPTH SET 173' 4600' 5604' 5494' Ifter recovery of total volume of load oil a septh or be for full 24 howrs) Producing Method (Flow, pump, gas lift) Casing Pressure Water-Bbls. Bbls. Condensate/MMCF Casing Pressure (Shut-in) 823	300 Sks. 125 Sks. Tubing and must be equal to or exceed top allow- etc.) Choke Size Choke Size OIL CON. COM. DIST. 3 Gravity of Cendensate Choke Size 3/4" TION COMMISSION
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VI.	8 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 10,174 MCF/D Testing Method (pitot, back pr.) Calculated A. O. F. CERTIFICATE OF COMPLIAN	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls. Length of Test 3 Hours Tubing Pressure (shut-in) 823	DEPTH SET 173' 4600' 5604' 5494' fier recovery of total volume of load oil a pth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure Water-Bbls. Bbls. Condensate/MMCF Casing Pressure (Shut-in) 823 OIL CONSERVA	300 Sks. 125 Sks. Tubing Indicate the equal to or exceed top allow- Choke Size Choke Size Choke Size Gravity of Condensate Choke Size 3/4" TION COMMISSION AUG 6 1970
VI.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 10, 174 MCF/D Testing Method (pitot, back pr.) Calculated A. O. F. CERTIFICATE OF COMPLIANT	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls. Length of Test 3 Hours Tubing Pressure (shut-in) 823 NCE	DEPTH SET 173' 4600' 5604' 5494' fier recovery of total volume of load oil a pth or be for full 24 hours) Producing Method (Flow, pump, gas lift Casing Pressure Water-Bbls. Bbls. Condensate/MMCF Casing Pressure (Shut-in) 823 OIL CONSERVA	300 Sks. 125 Sks. Tubing Indicate the equal to or exceed top allow- Choke Size Choke Size Choke Size Gravity of Condensate Choke Size 3/4" TION COMMISSION AUG 6 1970
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VI.	13 3/4" 8 3/4" 6 1/4" TEST DATA AND REQUEST IOIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test-MCF/D 10,174 MCF/D Testing Method (pitot, back pr.) Calculated A. O. F. CERTIFICATE OF COMPLIAN I hereby certify that the rules and Commission have been complied above is true and complete to the	CASING & TUBING SIZE 9 5/8" 7" 4 1/2" 2 3/8" FOR ALLOWABLE (Test must be a able for this de Date of Test Tubing Pressure Oil-Bbls. Length of Test 3 Hours Tubing Pressure (Shut-in) 823 NCE regulations of the Oil Conservation with and that the information given he best of my knowledge and belief.	DEPTH SET 173' 4600' 5604' 5494' fier recovery of total volume of load oil a repth or be for full 24 hours) Producing Method (Flow, pump, gas lift) Casing Pressure Water-Bbls. Bbls. Condensate/MMCF Casing Pressure (Shut-in) 823 OIL CONSERVA' APPROVED BY Original Signed by F TITLE This form is to be filed in c	300 Sks. 125 Sks. Tubing Ind must be equal to or exceed top allow- Choke Size Choke Size Gravity of Cendensate Choke Size 3/4" FION COMMISSION AUG 6 19 1970 Cmery C. Arnold SUPERVISOR DIST. #3 Compliance with RULE 1104.
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WORKOVER

- 6-15-70 Rigged up Aztec Well Service rig #50. Cut stuck tubing off at 4690'. Pulled tubing and set cement retainer at 4512'. Squeezed open hole w/150 sacks of cement.
- 6-16-70 Located hole in 7" csg. between 1684' and 1714', perforated 2 squeeze holes at 2309'. Set cement retainer at 2249', squeezed thru perfs w/125 sacks of cement.
- 6-17-70 Located hole in 7" between 1553' and 1595', set cement retainer at 1462', squeezed leak w/125 sacks of cement.
- 6-18-70 Drilled out cement and retainers at 1462' and 2249'.
- 6-19-70 After drilling retainer at 2249', pumped into well at 800 psi. Set cement retainer at 2220', re-squeezed Perfs at 2309' w/250 sacks of cement (2 stages).
- 6-20-70 Drilled out cement and retainers at 2220' and 4512'.
- 6-21-70 Drilling sidetrack hole from 4610' w/gas. 1/2° at 4600', 5 1/4° at 4629'.
- 6-22-70 Drilling. 5 1/2° at 4662', 4 1/2° at 4786', 3° at 5290'.
- 6-23-70 Reached total depth of 5604'. Logged well and ran 173 joints 4 1/2", 10.5#, K casing (5594') set at 5604' w/125 sacks of cement.
- 6-24-70 P.B.T.D. 5589'. Perf. 5252-58', 5276-88', 5306-12', 5324-30', 5346-52', 5362-68', 5508-1-2 w/18 SPZ. Frac w/80,070 gal. water, 80,000# 20/40 sand, dropped 6 sets of 18 balls, flushed w/3700 gal. water. Displaced bridging ball to baffle at 5064' and tested to 3000 psi O. K. Perf. 4664-76', 4782-88', 4808-20' w/24 SPZ. Frac w/25,850 gal. water, 27,500# 20/40 sand, dropped 1 set of 24 balls, no flush.
- 6-25-70 Blowing well and cleaning out sand.
- 6-26-70 Blowing well and cleaning out sand.
- Ran 183 joints 2 3/8", 4.7#, J-55 tubing (5486') landed at 5494' w/expendable check valve on bottom and common pump seating nipple 1 joint above. Gauge 4702 MCF/D.
- 7-24-70 Date well was tested.