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NC. OF COPIES RECEIVED	-		
DISTRIBUTION		ONSERVATION COMMISSION	Form C-104
SANTA FE	REQUEST	FOR ALLOWABLE	Supersedes Old C-104 and C-110 Effective 1-1-65
U.S.G.S.	AUTHORIZATION TO TRA	AND ANSPORT OIL AND NATURAL (	CAS
LAND OFFICE	AUTHORIZATION TO TRA	ANSPURT OIL AND NATURAL	GAS
TRANSPORTER OIL /	-		
GAS /	4		
DECEMBER OF THE	-		- / SON -
Operator Operator			
El Paso Natural Gas Co Address	ompany		DIS COM
Reason(s) for filing (Check proper box	New Mexico	Other (Please explain)	3
New We!l	Change in Transporter of:		
Recompletion	Oil Dry Go	s 🔲 See Back for Wo	rkover Details
Change in Ownership	Casinghead Gas Conder	nsate	
If change of ownership give name and address of previous owner  I. DESCRIPTION OF WELL AND  Lease Name	LEASE Lease No.   Well No.   Pool Na	me, Including Formation	Kind of Lease
Atlantic B	8 B1	anco Mesa Verde	State, Federal or Fee
Unit Letter M ; 990	Feet From The <b>South</b> Lir	ne and 990 Feet From	The West
_	wnship <b>30N</b> Range <b>1</b>	OW , NMPM, Sen	Inan County
Line of Section 3 To	whamp JOMgo 2	VN	
I. DESIGNATION OF TRANSPOR'  Name of Authorized Transporter of Oll	TER OF OIL AND NATURAL GA	Address (Give address to which appro	oved copy of this form is to be sent)
El Paso Natural Gas C		Box 990, Fermin Address (Give address to which appr	
Name of Authorized Transporter of Ca	singhead Gas or Dry Gas	Address (Give address to which appr	oved copy of this form is to be sent)
El Paso Natural Gas C	CMPANY	Box 990. Farmin	aton New Marian
If well produces oil or liquids,	Unit Sec. Twp. Rge.		hen
If well produces oil or liquids, give location of tanks.	M 3 30N 10W	Is gas actually connected?	
If well produces oil or liquids, give location of tanks.	M 3 30N Rge.  th that from any other lease or pool,	Is gas actually connected?  We give commingling order number:	hen
If well produces oil or liquids, give location of tanks.  If this production is commingled wi	M 3 30N Rge.  th that from any other lease or pool,	Is gas actually connected?	
If well produces oil or liquids, give location of tanks.  If this production is commingled will the completion data.	M 3 30N 10W  th that from any other lease or pool,	give commingling order number:  New Well   Workover   Deepen	Plug Back   Same Res'v.   Diff. Res'v.
If well produces oil or liquids, give location of tanks.  If this production is commingled wide.  V. COMPLETION DATA  Designate Type of Completion of the Spudded wide.  W/O 11-27-65	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436	Plug Back   Same Res'v. Diff, Res'v.
If well produces oil or liquids, give location of tanks.  If this production is commingled wide.  COMPLETION DATA  Designate Type of Completion Date Spudded	th that from any other lease or pool,  Oil Well Gas Well  One (X)  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top Gas Pay	Plug Back   Same Res'v.   Diff. Res'v.   X   X   X   Tubing Depth
If well produces oil or liquids, give location of tanks.  If this production is commingled wide.  COMPLETION DATA  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436	Plug Back   Same Res'v.   Diff. Res'v.   X   XXB.T.D.   CO 5389'   Tubing Depth   5356
If well produces oil or liquids, give location of tanks.  If this production is commingled will.  V. COMPLETION DATA  Designate Type of Completing Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations	M 3 30N 10W  th that from any other lease or pool,  on - (X) Gas Well  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation  Mess Verde	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TGas Pay  4718	Plug Back Same Res'v. Diff. Res'v.  XX  XX8.T.D.  C0 5389'  Tubing Depth  5356  Depth Casing Shoe
If well produces oil or liquids, give location of tanks.  If this production is commingled will the completion of tanks.  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367 GL  Perforations	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation  Mess. Verde  6,4838-54,5294-5302,5312	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TGas Pay  4718  2-28,5359-63,5378-82	Plug Back   Same Res'v.   Diff. Res'v.   X   XXB.T.D.   CO 5389'   Tubing Depth   5356
If well produces oil or liquids, give location of tanks.  If this production is commingled will the completion of tanks.  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation  Mess Verde  6,4838-54,5294-5302,5312  TUBING, CASING, AN	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TX Gas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD	Plug Back   Same Restv.   Diff. Restv.    XX    XX8.T.D.    C0 5389'    Tubing Depth    5356    Depth Casing Shoe
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If well produces oil or liquids, give location of tanks.  If this production is commingled will the completion of tanks.  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2  HOLE SIZE  13 3/4"	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation  Mess Verde  6,4838-54,5294-5302,5312  TUBING, CASING, AN	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TYGas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD  DEPTH SET  170	Plug Back   Same Res'v.   Diff. Res'v.   X   X   X   X   X   X   X   X   X
If well produces oil or liquids, give location of tanks.  If this production is commingled wiveless of the completion of tanks.  Designate Type of Completion of the completion of tanks.  Designate Type of Completion of the compl	Unit Sec. Twp. Rge.  M 3 30N 10W  th that from any other lease or pool,  on - (X)	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TYGas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD  DEPTH SET	Plug Back   Same Res'v.   Diff. Res'v.   X   XX   XXB.T.D.   CO 5389'   Tubing Depth   5356   Depth Casing Shoe   5436   SACKS CEMENT
If well produces oil or liquids, give location of tanks.  If this production is commingled will the completion of tanks.  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2  HOLE SIZE  13 3/4"	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation  Mess Verde  C6,4838-54,5294-5302,5312  TUBING, CASING, AN  CASING & TUBING SIZE  9 5/8"	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TGas Pay  4718  2-28.5359-63.5378-82  D CEMENTING RECORD  DEPTH SET  170  4624	Plug Back Same Restv. Diff. Restv.  XX  XX8.T.D.  C0 5389¹  Tubing Depth  5356  Depth Casing Shoe  5436  SACKS CEMENT  125  300
If well produces oil or liquids, give location of tanks.  If this production is commingled will.  V. COMPLETION DATA  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2  HOLE SIZE  13 3/4"  6 1/8"	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation  Mess Verde  6,4838-54,5294-5302,5312  TUBING, CASING, AN  CASING & TUBING SIZE  9 5/8"  7" 4 1/2" 2 3/8"  FOR ALLOWABLE. (Test must be seen as a constant of the const	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TX Gas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD  DEPTH SET  170  4624  5436'  5356'  after recovery of total volume of load of	Plug Back   Same Res'v.   Diff. Res'v.   X   X   XXB.T.D.   CO 5389'   Tubing Depth   5356   Depth Casing Shoe   5436   SACKS CEMENT   125   300   130
If well produces oil or liquids, give location of tanks.  If this production is commingled wiveless of the completion of tanks.  Designate Type of Completion of the completion of tanks.  Designate Type of Completion of the compl	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation  Mess Verde  6,4838-54,5294-5302,5312  TUBING, CASING, AN  CASING & TUBING SIZE  9 5/8"  7" 4 1/2" 2 3/8"  FOR ALLOWABLE. (Test must be seen as a constant of the const	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TX Gas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD  DEPTH SET  170  4624  5436!  5356!	Plug Back   Same Restv.   Diff. Restv.   X   X   XX   XX   XX   XX   XX   XX
If well produces oil or liquids, give location of tanks.  If this production is commingled will.  V. COMPLETION DATA  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2  HOLE SIZE  13 3/4"  8 3/4"  6 1/8"  V. TEST DATA AND REQUEST FOIL WELL	th that from any other lease or pool,  on - (X)  Date Compl. Ready to Prod.  W/O 12-13-65  Name of Producing Formation  Mess Verde  26,4838-54,5294-5302.5312  TUBING, CASING, AN  CASING & TUBING SIZE  9 5/8"  7"  4 1/2"  2 3/8"  TOR ALLOWABLE (Test must be able for this decay.	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TX Gas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD  DEPTH SET  170  4624  5436'  5356'  after recovery of total volume of load of epth or be for full 24 hours)	Plug Back   Same Restv.   Diff. Restv.   X   X   XX   XX   XX   XX   XX   XX
If well produces oil or liquids, give location of tanks.  If this production is commingled wiveless of the complete of the com	Unit Sec. Twp. Rge.  M 3 30N 10W  th that from any other lease or pool,  on - (X)	give commingling order number:  New Well Workover Deepen  X Total Depth  Whipstock 5436  Top TYGas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD  DEPTH SET  170  4624  5436!  5356!  after recovery of total volume of load of lepth or be for full 24 hours)  Producing Method (Flow, pump, gas	Plug Back   Same Res'v.   Diff. Res'v.   X   X   X   X   X   X   X   X   X
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If well produces oil or liquids, give location of tanks.  If this production is commingled will.  COMPLETION DATA  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2  HOLE SIZE  13 3/4"  8 3/4"  6 1/8"  V. TEST DATA AND REQUEST FOIL WELL  Date First New Oil Bun To Tanks  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test-MCF/D  4,588 MCF/D  Testing Method (pitot, back pr.)	Unit Sec. Twp. Rge.  M 3 30N 10W  th that from any other lease or pool,  on - (X)	give commingling order number:  New Well Workover Deepen  X  Total Depth  Whipstock 5436  Top TX Gas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD  DEPTH SET  170  4624  5436!  5356!  after recovery of total volume of load of epth or be for full 24 hours)  Producing Method (Flow, pump, gas  Casing Pressure  Water-Bbis.  Bbls. Condensate/MMCF	Plug Back   Same Restv.   Diff. Restv.   X   XX   XXB.T.D.    CO 5389!   Tubing Depth   5356   Depth Casing Shoe   5436    SACKS CEMENT   125   300   130    il and must be equal to or exceed top allowed lift, etc.)   Choke Size   Gas-MCF    Gravity of Condensate   Choke Size   Choke Size
If well produces oil or liquids, give location of tanks.  If this production is commingled will.  V. COMPLETION DATA  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2  HOLE SIZE  13 3/4"  8 3/4"  6 1/8"  V. TEST DATA AND REQUEST FOIL, WELL  Date First New Oil Run To Tanks  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test-MCF/D  4,588 MCF/D  Testing Method (pitot, back pr.)  Calculated A.O.F.	Unit Sec. Twp. Rge.  M 3 30N 10W  th that from any other lease or pool,  on - (X)	give commingling order number:  New Well Workover Deepen  X Total Depth  Whipstock 5436  Top TCGas Pay  4718  2-28,5359-63,5378-82  D CEMENTING RECORD  DEPTH SET  170  4624  5436!  after recovery of total volume of load of epth or be for full 24 hours)  Producing Method (Flow, pump, gas  Casing Pressure  Water-Bbls.  Bbls. Condensate/MMCF  Casing Pressure  SI 817	Plug Back   Same Res'v.   Diff. Res'v.   X   X   X   X   X   X   X   X   X
If well produces oil or liquids, give location of tanks.  If this production is commingled will.  COMPLETION DATA  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2  HOLE SIZE  13 3/4"  8 3/4"  6 1/8"  V. TEST DATA AND REQUEST FOIL WELL  Date First New Oil Bun To Tanks  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test-MCF/D  4,588 MCF/D  Testing Method (pitot, back pr.)	Unit Sec. Twp. Rge.  M 3 30N 10W  th that from any other lease or pool,  on - (X)	give commingling order number:    New Well   Workover   Deepen   X	Plug Back   Same Restv.   Diff. Restv.   X   X   XXB.T.D.   CO 5389¹   Tubing Depth   5356   Depth Casing Shoe   51:36    SACKS CEMENT   125   300   130    il and must be equal to or exceed top allowellift, etc.)    Choke Size   Gas-MCF    Gravity of Condensate   Choke Size   3/14"    /ATION COMMISSION
If well produces oil or liquids, give location of tanks.  If this production is commingled will.  COMPLETION DATA  Designate Type of Completion Date Spudded  W/O 11-27-65  Elevations (DF, RKB, RT, GR, etc.)  6367' GL  Perforations  4718-22,4770-86,4822-2  HOLE SIZE  13 3/4"  8 3/4"  6 1/8"  V. TEST DATA AND REQUEST FOIL WELL  Date First New Oil Run To Tanks  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test-MCF/D  4,588 MCF/D  Testing Method (pitot, back pr.)  Calculated A.O.F.  VI. CERTIFICATE OF COMPLIAN	Unit Sec. Twp. Rge.  M 3 30N 10W  th that from any other lease or pool,  on - (X)	give commingling order number:    New Well   Workover   Deepen   X	Plug Back   Same Res'v.   Diff. Res'v.   X   X   XXB.T.D.   CO 5389'   Tubing Depth   5356   Depth Casing Shoe   5436    SACKS CEMENT   125   300   130    il and must be equal to or exceed top allowed lift, etc.)    Choke Size   Gas-MCF    Gravity of Condensate   Choke Size   3/4"    /ATION COMMISSION

OR'G'NAL SIGNED E.S. OBERLY

Petroleum Engineer

December 27, 1965

(Signature)

(Title)

(Date)

TITLE Supervisor Dist. # 8

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

## WORKOVER DETAILS

- 11-28-65 Found tubing stuck, pulled choke, cut tubing at 4750' w/acid cutter. Pulled tubing. Set retainer at 4517', tested casing w/1000#, 0.K. Cemented open hole w/150 sks. regular cement, 2% gel, 1/4 cu.ft. Gilsonite/sk and 75 sk. El Toro cement, 3% calcium chloride, squeezed to 3800#. Reversed out 15 bbls. cement. Perforated 2 holes at 1793', set retainer at 1738', squeezed w/125 sks El Toro.
- 11-29-65
- 11-30-65 12-2-65
- Drilled out cement and retainers, preparing to whipstock.

  Kicked off whipstock at 4633', drilling w/gas, 1° at 4633', 3 1/2° @ 4650'.

  Whipstock T. D. 5436'. Ran 168 joints 4 1/2" 10.5#, J-55 casing, 5425.76' set at 5435.76' w/130 sks. Class "A" cement, 2% gel w/1/4 cu.ft. Koalite/sk.

  Tested casing to 4000#, O.K. Ran GR collar correlation log and perforated 5378-82 w/4 SPF, 5359-63 w/4 SPF, 5312-28 w/1 SPF, 5294-5302 w/2 SPF with 3 1/8" super-dyhajets. Fraced Point Lookout w/water treated with 2# J-100 per 1000 ballons 45 200 callons and 45 000# of 20/ho sand BDP 1300#. Proposed 12-3-65 per 1000 ballons, 45,200 gallons and 45,000# of 20/40 sand. BDP 1300#. Dropped 3 sets of 16 balls each. Tr pr 1700-1800-1950-2700#. Good ball action. Avg. in IR 75 BPM. ISIP - vacuum.
- Set Baker magnesium bridge plug at 4950'. Tested plug to 2000#, plug failed. 12-4-65 Set GO magnesium bridge plug at 4940', setting tool would not shear from plug, pulled out of rope socket, fished setting tool and inner parts of plug from casing. Set GO magnesium bridge plug at 4925. Tested to 3500#, O.K. Perfed 4838-54' w/1 SPF, 4822-26 w/4 SPF, 4770-86' w/1 SPF, 4718-22' w/4 SPF. Fraced Cliff House w/40,905 gallons water, treated w/2# J-100/1000 gallons and 40,000# of 20/40 sand. BDP none, Dropped 3 sets of 16 balls each. Tr pr 3000#, 2300-2450-2900-3300#. ISIP 600#, 5 min SI 150#. Avg IR 47 BPM.
- 12-5-65 Blowing well, Drilled B.P.
- 12-6-65 Ran 177 joints 2 3/8", 4.7#, J-55 tubing, 5348-24' landed at 5356.24'. Seating nipple at 5339.29'.
- 12-13-65 Date well was tested.