NO. OF COPIES FEETIVED	7		•
DISTRIBUTION	NEW MEXICO OU	CONSERVATION COMMISSION	Form C-104
SANTA FE /	4	T FOR ALLOWABLE	Supersedes Old C-104 and C-
FILE /	1	AND	Effective 1-1-65
U.S.G.S.	AUTHORIZATION TO T	RANSPORT OIL AND NATURAL GA	.s
LAND OFFICE	The strict of th		
TRANSPORTER OIL /			
OPERATOR	3		
PRORATION OFFICE			
Operator			
El Paso Natural	Gas Company		
Address	0-1		
Box 990, Farmin	ngton, New Mexico 87401		
Reason(s) for filing (Check prop	er box)	Other (Please explain)	
New Well	Change in Transporter of:		
Recompletion X	Oil Dry	Gas	
Change in Ownership	Casinghead Gas Com	densate	
f change of ownership give named address of previous owner			
DESCRIPTION OF WELL	AND LEASE   Well No.   Pool Name, Including	Formation Kind of Lease	Lease No
Lease Name			a-1 a-0a1 a
Hardie B	1 Blanco Me	sa verue	
Line of Section 28	Township 29-II Range	8-W , NMPM, SanJua	n County
DESIGNATION OF TRANS	PORTER OF OIL AND NATURAL	GAS Address (Give address to which approve	d copy of this form is to be sent)
Name of Authorized Transporter	of GII or Condensate 📉	Address (Give address to which approve	
Name of Authorized Transporter El PasoNatural Gas	of GII	Address (Give address to which approve Box 990, Farmington, Ne	w Mexico
Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter	of Cit or Condensate \( \)  S COMPANY  of Casinghead Gas or Dry Gas \( \)	Box 990, Farmington, Ne Address (Give address to which approve	w Mexico d copy of this form is to be sent)
Name of Authorized Transporter El PasoNatural Gas	of Cit or Condensate (A)  s Company of Casinghead Gas or Dry Gas (A) as Company	Box 990, Farmington, Ne Address (Give address to which approve Box 990, Farmington, Ne	w Mexico d copy of this form is to be sent) w Mexico
Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter El Paso Natural Ga If well produces oil or liquids,	of Cit or Condensate (A)  S Company  of Casinghead Gas or Dry Gas (A)  as Company  Unit Sec. Twp. Rge.	Box 990, Farmington, Ne Address (Give address to which approve Box 990, Fermington, Ne Is gas actually connected? When	w Mexico d copy of this form is to be sent) w Mexico
Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter El Paso Natural Ga If well produces oil or liquids, give location of tanks.	of GII or Condensate S  S Company of Casinghead Gas or Dry Gas S  as Company Unit Sec. Twp. Rge. L 28 29N 8W	Box 990, Farmington, Ne Address (Give address to which approve Box 990, Fermington, Ne Is gas actually connected? When	w Mexico d copy of this form is to be sent) w Mexico
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Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter El Paso Natural Gas If well produces oil or liquids, give location of tanks.  If this production is commingle COMPLETION DATA  Designate Type of Com Date Spudded W/O 6-29-69	of GII or Condensate X  S Company of Casinghead Gas or Dry Gas X  as Company Unit Sec. Twp. Rge. L 28 29N 8W  Led with that from any other lease or po  CII Well Gas Well  Date Compl. Ready to Prod.  W/O 7-24-69	Box 990, Farmington, Ne Address (Give address to which approve Address (Give address to which approve Box 990, Farmington, Ne Is gas actually connected? When ol, give commingling order number:  New Well Workover Deepen	W Mexico d copy of this form is to be sent) W Mexico  Plug Back   Same Resty.   Diff. Res
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Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter El Paso Natural Gas If well produces oil or liquitis, give location of tanks.  If this production is commingle COMPLETION DATA  Designate Type of Com Date Spudded W/O 6-29-69 Elevations (DF, RKB, RT, GR, 6379 GL	of GII or Condensate X  S Company of Casinghead Gas or Dry Gas X  as Company  Unit Sec. Twp. Rge. L 28 29N 8W  Led with that from any other lease or po  CII Well Gas Well  apletion - (X)  Date Compl. Ready to Prod.  W/O 7-24-69  Name of Producing Formation  Mesa Verde	Address (Give address to which approve  Box 990, Farmington, Ne Address (Give address to which approve  Box 990, Farmington, Ne Is gas actually connected? When  ol, give commingling order number:  New Well Workover Deepen  X  Total Depth  5397  Top XXX/Gas Pay  4568	Plug Back   Same Resty.   Diff. Res
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Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter El Paso Natural Gas If well produces oil or liquids, give location of tanks.  If this production is commingle COMPLETION DATA  Designate Type of Com Date Spudded W/O 6-29-69 Elevations (DF, RKB, RT, GR, 6379 GL  Perforations 4568-71,44	or Company  of Casinghead Gas or Dry Gas X  as Company  Unit Sec. Twp. Rge.  L 28 29N 8W  Led with that from any other lease or po  Cil Well Gas Well  appletion — (X)  Date Compl. Ready to Prod.  W/O 7-24-69  etc., Name of Producing Formation  Mesa Verde  597-4603,4632-38,4656-62,4  12-21-5251-60-5302-08	Address (Give address to which approve  Box 990, Farmington, Ne Address (Give address to which approve  Box 990, Farmington, Ne Is gas actually connected? When  ol, give commingling order number:  New Well Workover Deepen  X  Total Depth  5397  Top 000000 By Bas Pay  4568'  672-34,5134-46,	Plug Back   Same Res'v.   Diff. Res   X   P.B.T.D.   5367 Tubing Depth   5239 Depth Casing Shoe
Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter El Paso Natural Gas If well produces oil or liquids, give location of tanks.  If this production is commingle COMPLETION DATA  Designate Type of Com Date Spudded W/O 6-29-69 Elevations (DF, RKB, RT, GR, 6379 GL Perforations 4568-71,44 5156-68,5178-84,52	of GII or Condensate (A)  s Company of Casinghead Gas or Dry Gas (X) as Company Unit Sec. Twp. Rge. L 28 29N 8N  Led with that from any other lease or po  CII Well Gas Well apletion - (X) X  Date Compl. Ready to Prod. W/O 7-24-69 etc.; Name of Producing Formation Mesa Verde  597-4603,4632-38,4656-62,4 12-21,5251.50 5302-08 TUBING, CASING,	Address (Give address to which approve  30x 990, Farmington, Ne Address (Give address to which approve  30x 990, Farmington, Ne Is gas actually connected? When ol, give commingling order number:  New Well Workover Deepen X  Total Depth 5397 Top XX/Gas Pay 4568'  672-34,5134-46,  AND CEMENTING RECORD	Plug Back   Same Res'v.   Diff. Res   X   P.B.T.D.   5367 Tubing Depth   5239 Depth Casing Shoe
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Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter El Paso Natural Gas If well produces oil or liquids, give location of tanks.  If this production is commings COMPLETION DATA  Designate Type of Com Date Spudded W/O 6-29-69 Elevations (DF, RKB, RT, GR, 6379 GL Perforations 4568-71,44 5156-68,5178-84,52  HOLE SIZE  13 3/4" 8 3/4"	of Coll or Condensate (X)  s Company of Casinghead Gas or Dry Gas (X) as Company Unit Sec. Twp. Rge. L 28 29N 8W  Led with that from any other lease or po  coll Well Gas Well apletion - (X)  Date Compl. Ready to Prod. W/O 7-24-69  Name of Producing Formation Mesa Verde  597-4603,4632-38,4656-62,4 12-24-5251-60-5302-08 TUBING, CASING, CASING & TUBING SIZE  9 5/8" 7"	Address (Give address to which approve  Box 990, Farmington, Ne Address (Give address to which approve  Box 990, Farmington, Ne Is gas actually connected? When  ol, give commingling order number:  New Well Workover Deepen  X  Total Depth  5397  Top XXX Gas Pay  4568'  672-84,5134-46,  AND CEMENTING RECORD  DEPTH SET  172'  4500'	Plug Back   Same Resiv.   Diff. Res   X   P.B.T.D.   5367 Tubing Depth   5239 Depth Casing Shoe   5397    SACKS CEMENT   125 Sks.   300
Name of Authorized Transporter El PasoNatural Gas Name of Authorized Transporter El Paso Natural Gas If well produces oil or liquids, qive location of tanks.  If this production is commings COMPLETION DATA  Designate Type of Com Date Spudded W/O 6-29-69 Elevations (DF, RKB, RT, GR, 6379 GL Perforations 4568-71,44 5156-68,5178-84,52  HOLE SIZE  13 3/4"	of Coll or Condensate (X)  s Company of Casinghead Gas or Dry Gas (X) as Company Unit Sec. Twp. Rge. L 28 29N 8W  Led with that from any other lease or po  coll Well Gas Well apletion - (X)  Date Compl. Ready to Prod. W/O 7-24-69 etc., Name of Producing Formation Mesa Verde  597-4603,4632-38,4656-62,4 12-24,5251-60,5302-08 TUBING, CASING, CASING & TUBING SIZE	Address (Give address to which approve  30x 990, Farmington, Ne Address (Give address to which approve  30x 990, Farmington, Ne Is gas actually connected? When ol, give commingling order number:  New Well Workover Deepen X  Total Depth 5397 Top 20X/Gas Pay 4568'  572-34,5134-46,  AND CEMENTING RECORD DEPTH SET 172'	Plug Back   Same Res'v.   Diff. Res   X   P.B.T.D.   5367 Tubing Depth   5239 Depth Casing Shoe   5397    SACKS CEMENT   125 Sks.

TEST DATA AND REQUEST FOR ALLOWABLE (1 est must be after recovery of total volume of bods of the sale for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks

Date of Test

Producing Method (Flow, pump, gas lift, etc.)

Length of Test

Tubing Pressure

Casing Pressure

Choke Size

Actual Prod. During Test

Oil-Bbls.

Water-Bbls.

Gas-MCF

GAS WELL

Actual Prod. Test-MCF/T

20,314 MCF/D

3 hrs.

Testing Method (pitot, back pr.)

Calculated A.O.F.

838

Bbls. Condensate/MMCF

Gravity of Condensate

Casing Pressure (Shut-in)

Casing Pressure (Shut-in)

840

3/4"

## WORKOVER

6-29-69 Rigged up Dwinell Bros. rig #1, cut stuck tubing off at 4598', set retainer at 4395', squeezed open hole w/200 sks. cement. Perf 1 squeeze hole at 2050', set retaine at 2017'. Squeezed base of Ojo Alamo through perfs w/125 sacks cement. 6-30-69 Set retainer at 1990', re-squeezed through perfs at 2050' w/125 sks. cement. Drilled out cement and retainers at 1990 & 4395', drilled cement to 4515'. 7-2-69 Drilling sidetrack hole from 4515' w/gas, 1° @ 4515', 6° @ 4533'. Drilling, 4 1/2° @ 4580', 3° @ 4515'.

Reached T. D. of 5397', 3 1/2° at 5397'. Logged well and ran 164 joints

 $4 \frac{1}{2}$ ", 10.5%, K-55 casing, 5387 set at 5397' w/125 sks. cement.

P.B.T.D. 5367'. Perf 5134-46',5156-68',5178-84',5212-24',5254-60,5302-08' w/16 SPZ. Sand water frac w/68,000# 20/40 sand, 69,930 gallon water. Flush w/3948 gallon water, dropped 5 sets of 15 balls. Set bridge plug at 4906', tested w/3000#, O.K. Perf 4568-74' w/15 shots, 4597-4603',4632-38',4656-62',4672-84' w/16 SPZ. Sand water frac perfs w/48,000 20/40 sand, 49,518 gallon water. Flushed w/3150 gallon water. Dropped 4 sets of 16 balls.

7-6-69 Blowing well and drilled baffel at 4906'.

Ran 175 joints 2 3/8", 4.7#, J-55 tubing, 5229' landed at 5239', seating nipple on bottom.