						1		
NO. OF COPIES RECEIVED	7							
DISTRIBUTION	<del>*  </del>							
SANTA FE	<del>                                     </del>		-		TION COMM	ISSION	Form C-10	•
FILE			REQUEST		OWABLE		Supersede Effective	s Old C-104 and C 1-1-65
				AND	<b></b>			
U.S.G.S.	AU1	THORIZATIO	ON TO TRA	ANSPORT	OIL AND I	NATURAL G	AS	
LAND OFFICE	<del>                                     </del>							COLUN
TRANSPORTER OIL	<del>├ -  </del>							?fl.FlVC
GAS /	<del>-</del>						/ ·	rari A [
OPERATOR 2	<del>1</del> —-						$I \cap A$	A = 0 =
Operator				_		<del></del>		2 2 1966
El Paso Natural Gas	s Company						/ OII	20.
Address				-			- Jose	CON COM
Box 990, Farmington	a. New Mex	ico - 874	01				<i>\fi</i>	DIST 3
Reason(s) for filing (Check proper			<del></del>	· · · · · · · · · · · · · · · · · · ·	Other (Please	explain)		
New Well	-	ge in Transporte	er of:		(1)	,		
Recompletion	Oil	·	Dry G	as 🗍	See Be	ck for De	tails	
Change in Ownership		nghead Gas	Conde	=	500 54			
7			<del></del>		<del> </del>	<del> </del>		
If change of ownership give nam and address of previous owner_								
and address of previous owner _								
DESCRIPTION OF WELL A								
Lease Name	Well	No. Pool Name	, Including F	Cormation		Kind of Lease		Lease N
Hughes A	5	Blan	co Mesa	Verde		State, Federal	or Fee	SF 078049
DESIGNATION OF TRANSP Name of Authorized Transporter of	f Oil 🔲 🧸	OIL AND NA			Cine address	to which approve	ed copy of this form	n is to be sent)
El Paso Hatural Gas Name of Authorized Transporter of				D 0		.d		
		or Dry	Gas T	1	90, Farm		ew Mexico -	87401
El Paso Matural Gas		or Dry	Gas 🔏	Address (	90, Farm Give address 990, Far	to which approve		87401 n is to be sent)
If well produces oil or liquids,	S Company Unit	Sec. Twp.	Rge.	Address (	90, Farm Give address	to which approve	ed copy of this form	87401 n is to be sent)
	s Company		·	Address (	90, Farm Give address 990, Far	to which approve	ed copy of this form	87401 n is to be sent)
If well produces oil or liquids, give location of tanks.  If this production is commingled	Unit H	Sec. Twp. 29	Rge.	Box Is gas act	90, Farm Give address 990, Far	mington, led? When	ed copy of this form	87401 n is to be sent)
If well produces oil or liquids, give location of tanks.  If this production is commingled	Unit H	Sec. Twp. 28	Rge.	Box Is gas act	90, Farm Give address 990, Far ually connect ingling orde	ed? Wher	ev Mexico - ed copy of this form New Mexico	87401. n is to be sent) - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA	Unit H	Sec. Twp. 29	Rge.	Box Is gas act	90, Farm Give address 990, Farm ually connect ingling orde	mington, led? When	ed copy of this form New Mexico	87401 n is to be sent) - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Compl	Unit H d with that from	Sec. Twp. 28 298 n any other leader to the control of the control	Rge.	Address ( Box  Is gas act  give comm	90, Farm Give address 990, Far ually connect ingling orde	ed? Wher	ed copy of this form New Mexico	87401. n is to be sent) - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Completion Date Spudded	Unit H d with that from	Sec. Twp. 28 298 n any other leady to Property to Prop	Rge.	Box Is gas act	90, Farm Give address 990, Far ually connect ingling orde	ed? Wher	P.B.T.D.	87401.  n is to be sent)  - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Completion Date Spudded  W/O 9-27-68	Unit  H  d with that from  letion - (X)	Sec. Twp. 28 298 m any other leady to Prople Ready to Prople 14-68	Rge.	Address ( Box  Is gas act  give comm  New Well  Total Dep	Give address  990, Fax  ually connect  ingling orde  Workover  X  th	ed? Wher	Plug Back Same	87401.  n is to be sent)  - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc.)	Unit H  d with that from  letion — (X)  Date Comp	Sec. Twp. 28 298 m any other les Oil Well pl. Ready to Pro 10-14-68 Producing Formo	Rge.	Address ( Box  Is gas act  give comm	Give address  990, Fax  ually connect  ingling orde  Workover  X  th  5433	ed? Wher	Plug Back Same P.B.T.D.  Tubing Depth	87401 n is to be sent) - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL	d with that from letion — (X)  Date Compact.	Sec. Twp. 28 298 m any other les Oil Well pl. Ready to Pro 10-14-68 Producing Forme	Rge.	Address ( Box Is gas act give comm New Well Total Dep	Give address  990, Fax  ually connect  ingling orde  Workover  X  th	ed? Wher	Plug Back Same P.B.T.D.  5397  Tubing Depth	87401.  n is to be sent)  - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL.  Perforations 4587-99 46	d with that from Date Company  Name of F	n any other less of the pl. Ready to Producing Formal Verde 553-59	Rge.  84 ase or pool,  Gas Well  X od.	Address ( Box Is gas act give comm New Well Total Dep	Give address  990, Pax  ually connect  ingling orde  Workover  X  th  5433  4587	ed? Wher	Plug Back Same P.B.T.D.  5397  Tubing Depth Depth Casing Sho	87401.  n is to be sent)  - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL	d with that from Date Company  Name of F	28 298 m any other less of the pl. Ready to Producing Formal Varde 53-59 , 5278-84	Rge. 8W asse or pool, Gas Well X od.	Address ( Box  Is gas act  give comm  New Well  Total Dep	Give address  990, Pax  990, Pax  ually connect  ingling orde  Workover  X  th  5433'  das Pay  4587'  74-78'	ed? When number:	Plug Back Same P.B.T.D.  5397  Tubing Depth	87401.  n is to be sent)  - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL  Perforations 4587-99 46  5210-14 5226-34	Unit H d with that from letion — (X)  Date Complete. Name of P Nesse 30-36', 44	28 298 m any other less of the pl. Ready to Propose 10-14-68 Producing Forms 10-14-68 Producing	Rge. 84 ase or pool, X bod.	Address ( Box  Is gas act  give comm  New Well  Total Dep	Give address 990, Pax ually connect ingling orde Workover X th 5433 Gas Pay 4587 ING RECOR	ed? When number:	Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho	87401 n is to be sent) - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL  Perforations 4587-99 , 46  5210-14 , 5226-34 ,	Unit H  d with that from  letion — (X)  Date Comp  c., Name of F  Masa  30-36 , M  5250-54   CAS	28 298 m any other less of the	Rge. 84 ase or pool, X bod.	Address ( Box Is gas act give comm New Well Total Dep Top-1/C	Give address  990, Pax  990, Pax  ually connect  ingling orde  Workover  X  th  5433  Gas Pay  4587  1NG RECOR  DEPTH S	ed? When number:	Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433	87401.  n is to be sent)  - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 * GL.  Perforations 4587-99 * 46 5210-14 * , 5226-34 * , HOLE SIZE  13 3/4#	Unit H  d with that from  letion — (X)  Date Comp  c., Name of F  Masa  30-36 , M  5250-54   CAS	28 298 m any other less of the pl. Ready to Propose 10-14-68 Producing Forms 10-14-68 Producing	Rge. 84 ase or pool, X bod.	Address ( Box Is gas act give comm New Well Total Dep Top 1/0	Give address  990, Fax  990, Fax  ually connect  ingling orde  Workover  X  th  5433  Gas Pay  4587  ING RECOR  DEPTH S	ed? Wher number:	Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433' SACKS	87401 n is to be sent) - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement of Co	Unit H  d with that from    Date Complete.;   Name of P   Mess   S250-54    CAS	Producing Forms  Verde  528  Twp.  298  n any other leady to Producing Forms  5278-84  TUBING, C	Rge. 84 ase or pool, X bod.	Address ( Box Is gas act give comm New Well Total Dep Top 01/0	Give address  990, Farm  Give address  990, Farm  Unally connect  ingling orde  Workover  X  th  5433  Gas Pay  4587  TH-78  TING RECOR  DEPTH S  170  529	ed? Wher number:	Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433'  SACKS 125 Sks. 300 Sks.	87401 n is to be sent) - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL  Perforations 4587-99 46  5210-14 5226-34 46  HOLE SIZE	Unit H d with that from letion — (X)  Date Complete, Name of P  Mess 5250-54  CAS	Sec. Twp. 28 298 In any other leading to Producing Forme 53-59 5278-84 TUBING, C	Rge. 84 ase or pool, X bod.	Address ( Box Is gas act give comm New Well Total Dep Top 1/0	Give address  990, Fax  990, Fax  ually connect  ingling orde  Workover  X  th  5433  Gas Pay  4587  TA-78  EING RECOR  DEPTH S  170  529  433	ed? Wher number:	Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433'  SACKS 125 Sks. 300 Sks.	87401.  n is to be sent)  - 87401.
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement of Co	Unit H  d with that from  letion — (X)  Date Comp  sc., Name of P  Mesa  5250-54  CAS  9  7"  4:	28 298 m any other less of the second	Rge.  84 ase or pool, Gas Well X od.  4713-19 4713-19 4713-19 4713-19 4713-19 4713-19	Address ( Box Is gas act give comm New Well Total Dep Top 1/0	Give address  990, Fax  990, Fax  ually connect  ingling orde  Workover  X  th  5433  Gas Pay  4587  ING RECOR  DEPTH S  170  529  433  192	to which approve  ington,  ed?  Wher  number:  Deepen	Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433'  SACKS 125 Sks. 300 Sks. 125 Sks.	87401.  n is to be sent)  87401.  Resty. Diff. Re  CEMENT
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 * GL  Perforations 4587-99*, 46  5210-14*, 5226-34*,  HOLE SIZE  13 3/4**  8 3/4**  6 1/4**  TEST DATA AND REQUEST	Unit H  d with that from  letion — (X)  Date Comp  sc., Name of P  Mesa  5250-54  CAS  9  7"  4:	Sec. Twp. 28 293 m any other let Oil Well pl. Ready to Pro 10-14-68 Producing Formo Verde 553-59', 5278-84 TUBING, C SING & TUBIN 5/8" 1/2" 3/8"	Rge.  Rge.  Rge.  Rase or pool,  Gas Well  X  AT13-19  ASING, AN  G SIZE  est must be a	Address ( Box  Is gas act  give comm  New Well  Total Dep  Top-1/C	Give address  990, Fax  990, Fax  ually connect  ingling orde  Workover  X  th  5433  Gas Pay  4587  ING RECOR  DEPTH S  170  529  433  192	to which approve mington, led? When the number:  Deepen  Deepen  The number of load oil a	Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433'  SACKS 125 Sks. 300 Sks.	87401.  n is to be sent)  87401.  Resty. Diff. Re  CEMENT
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement of Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL  Perforations 4587-99 , 46  5210-14 , 5226-34 , 6  HOLE SIZE  13 3/4"  8 3/4"  6 1/4"	Date Company    Unit   H     d with that from     letion - (X)     Date Company     Co.;   Name of P     Masa     5250-54     CAS     9     14     2     T FOR ALLO	Sec. Twp. 28 293 m any other let oil Well pl. Ready to Pro 10-14-68 Producing Forms Verde 653-59', 5278-84 TUBING, C SING & TUBIN 5/8" 1/2" 3/8" DWABLE (T	Rge.  Rge.  Rge.  Rase or pool,  Gas Well  X  AT13-19  ASING, AN  G SIZE  est must be a	Address ( Box  Is gas act  give comm  New Well  Total Dep  Top 1/0  12', 53  D CEMENT	Give address  990, Par  Give address  990, Par  ually connect  ingling orde  Workover  X  th  5433'  Gas Pay  4587'  74-78'  ING RECOR  DEPTH S  170'  529'  433'  192'  y of total volumer full 24 hours	to which approve mington, led? When the number:  Deepen  Deepen  The number of load oil a	Plug Back Same Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433'  SACKS 125 Sks. 300 Sks. 125 Sks. Tubing and must be equal to	87401  n is to be sent)  87401  Resty. Diff. Rest  CEMENT
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement of Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL  Perforations 4587-99 , 46  5210-14 , 5226-34 , 6  HOLE SIZE  13 3/4"  8 3/4"  6 1/4"  TEST DATA AND REQUESTOIL WELL	Date Company    Unit   H     d with that from     letion - (X)     Date Company     Co.;   Name of P     Masa     5250-54     CAS     9     14     2     T FOR ALLO	Sec. Twp. 28 293 m any other let oil Well pl. Ready to Pro 10-14-68 Producing Forms Verde 653-59', 5278-84 TUBING, C SING & TUBIN 5/8" 1/2" 3/8" DWABLE (T	Rge.  Rge.  Rge.  Rase or pool,  Gas Well  X  AT13-19  ASING, AN  G SIZE  est must be a	Address ( Box  Is gas act  give comm  New Well  Total Dep  Top 1/0  12', 53  D CEMENT	Give address  990, Par  Give address  990, Par  ually connect  ingling orde  Workover  X  th  5433'  Gas Pay  4587'  74-78'  ING RECOR  DEPTH S  170'  529'  433'  192'  y of total volumer full 24 hours	to which approve mington, led? When the number:  Deepen  Deepen  The number is the num	Plug Back Same Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433'  SACKS 125 Sks. 300 Sks. 125 Sks. Tubing and must be equal to	87401  n is to be sent)  87401  Resty. Diff. Rest  CEMENT
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement of Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387 GL  Perforations 4587-99 , 46  5210-14 , 5226-34 , 6  HOLE SIZE  13 3/4"  8 3/4"  6 1/4"  TEST DATA AND REQUESTOIL WELL	Date Company    Unit   H     d with that from     letion - (X)     Date Company     Co.;   Name of P     Masa     5250-54     CAS     9     14     2     T FOR ALLO	Sec. Twp.  28 298  In any other less  Off Well  pl. Ready to Pro  10-14-68  Producing Formo  5278-84  TUBING, C  SING & TUBIN  5/8"  1/2"  3/8"  WABLE (T  all  est	Rge.  Rge.  Rge.  Rase or pool,  Gas Well  X  AT13-19  ASING, AN  G SIZE  est must be a	Address ( Box  Is gas act  give comm  New Well  Total Dep  Top 1/0  12', 53  D CEMENT	Give address  990, Fax  Give address  990, Fax  ually connect  ingling orde  Workover  X  th  5433  Gas Pay  4587  ING RECOR  DEPTH S  170  529  433  192  y of total volumer full 24 hours  Method (Flori	to which approve mington, led? When the number:  Deepen  Deepen  The number is the num	Plug Back Same Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433'  SACKS 125 Sks. 300 Sks. 125 Sks. Tubing and must be equal to	87401  n is to be sent)  - 87401  e Resty.   Diff. Res  K
If well produces oil or liquids, give location of tanks.  If this production is commingled COMPLETION DATA  Designate Type of Complement Date Spudded  W/O 9-27-68  Elevations (DF, RKB, RT, GR, etc. 6387' GL.  Perforations 4587-99', 46  5210-14', 5226-34',  HOLE SIZE  13 3/4"  8 3/4"  6 1/4"  TEST DATA AND REQUESTOIL WELL  Date First New Oil Run To Tanks	Unit H  d with that from  letion — (X)  Date Comp  Sc.; Name of F  Mesa  30-36', Mesa  5250-54'  CAS  9'  7"  4: 2: T FOR ALLO	Sec. Twp.  28 298  In any other less  Off Well  pl. Ready to Pro  10-14-68  Producing Formo  5278-84  TUBING, C  SING & TUBIN  5/8"  1/2"  3/8"  WABLE (T  all  est	Rge.  Rge.  Rge.  Rase or pool,  Gas Well  X  AT13-19  ASING, AN  G SIZE  est must be a	Address (  Box  Is gas act  give comm  New Well  Total Dep  Top 1/0  12', 53  D CEMENT  4  5  2fter recoverepth or be for Producing	Give address  990, Fax  Give address  990, Fax  ually connect  ingling orde  Workover  X  th  5433  Gas Pay  4587  ING RECOR  DEPTH S  170  529  433  192  y of total volumer full 24 hours  Method (Flori	to which approve mington, led? When the number:  Deepen  Deepen  The number is the num	Plug Back Same Plug Back Same P.B.T.D.  5397' Tubing Depth 5192' Depth Casing Sho 5433'  SACKS 125 Sks. 300 Sks. 125 Sks. Tubing nd must be equal to	87401  n is to be sent)  - 87401  e Resty.   Diff. Res  K

**GAS WELL** Actual Prod. Test-MCF/D Length of Test Bbls. Condensate/MMCF Gravity of Condensate 7425 3 Hours esting Method (pitot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size <u>3/</u>4" Calculated A.O.F. 779 779

## VI. CERTIFICATE OF COMPLIANCE

Actual Prod. During Test

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Original Signed F. H. WOOD

Oil-Bbls.

- 118		
	(Signature)	
Petroleum Engineer	•	
October 18, 1968	(Title)	

(Date)

By Original Signed by Emery C. Arnold

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.

OIL CONSERVATION COMMISSION

OCT 22 1968

SUPERVISOR DIST. #3

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

9-27-68 9-28-68

9-29-68

Rigged up Dwinell Bros. rig #1, pulled 177 joints 2 3/8" tubing. Set cement retainer at 4385', tested 7" casing to 1000# 0. K. Squeezed open hole w/200 sacks of cement. Perforated 7" casing w/l hole at 2112', set cement retainer at 2042', squeezed 7" annulus w/125 sacks of cement. Drilled out retainer and cement to 2112', tested perfs w/800# 0. K. Drilling sidetrack hole from 4539' w/gas. 3/4° at 4530', 3 3/4° at 4559', 5° at 4598', 5 1/4° at 4660'.

9-30-68

10-1-68 Drilling w/gas.

Reached total depth of 5433', 4° at 5433'. Logged well and ran 166 joints  $4 \frac{1}{2}$ ", 10.5#, J-55 casing (5422') set at 5433' w/125 sacks of 10-2-68

P.B.T.D. 5397', tested casing to 4000#, spotted 300 gal. 7 1/2% HCL. Perf. 5210-14', 5226-34', 5250-54', 5278-84', 5308-12', 5374-78' w/8 SPZ. Frac w/42,000# 20/40 sand, 37,430 gallons of water. Dropped 5 10-3-68 sets of 8 balls. Avg. I.R. 53 BPM. Set bridge plug at 4968', tested w/3500# 0. K.

> Perf. 4587-99', 4630-36', 4653-59', 4713-19' w/12 SPZ. Frac w/33,000# sand, 31,110 gal. water. Max. pr. 4200#, BDP 2500#, avg. tr. pr. 3300#, I.R. 33 BPM. Dropped 2 sets of 12 balls, flushed w/3200 gal. water. ISIP 700#, 5 Min. 350#.

Blowing well, drilled bridge plug at 4968'. 10-4-68

10-5-68 Blew well, cleaned out to 5397'. Ran 170 joints 2 3/8", 4.7#, J-55 tubing (5182') landed at 5192' w/seating nipple 1 joint up from bottom, tubing open ended.

10-14-68 Date well was tested.