Submit 5 Copies Appropriate District Office DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

DISTRICT II P.O. Drawer DD, Antesia, NM 88210

#### OIL CONSERVATION DIVISION

P.O. Box 2088

DISTRICT III		exico 87504-2088	
000 Rio Brazos Rd., Aztec, NM 87410	REQUEST FOR ALLOWAR	BLE AND AUTHORIZATI	ON
		AND NATURAL GAS	
)perator			Well API No.
Mallon Oil Co			30-025-27433
999 18th Stre leason(s) for Filing (Check proper box	et, Suite 1700, Denve	r, Colorado, 802	0 2
New Well	Change in Transporter of:	Other (Please explain)	
tecompletion [_]	Oil Dry Gas		
hange in Operator X	Casinghead Gas X Condensate		
change of operator give name Pe	nzoil Exploration & P	roduction Compan	у, Р.О. Вох 2967,
L DESCRIPTION OF WEL	L AND LEASE	Ho	uston, TX 77252-2967
ease Name	Well No. Pool Name, Includi		Kind of Lease No.
State 'C'	4 Lovington I	Penn Northeast	State) Federal or Fee K-5187
ocation G		Marial.	
Unit Letter	: 1,980 Feet From The	NOTEN Line and 1,830	Feet From The <u>East</u> Line
Section 20 Town	ship 16S Range 37E	, имим, Lea	County
	2/15		County
II. DESIGNATION OF TRA	ANSPORTER OF OIL AND NATU		
Texas New Mexico		1	oproved copy of this form is to be sent)  Obbs, NM 88240-2528
lame of Authorized Transporter of Ca			proved copy of this form is to be sent)
GPM Gas Corp.			artlesville, OK 74005
f well produces oil or liquids, ive location of tanks.			When?
	B 20 16S 37E hat from any other lease or pool, give comming	Yes l	8/26/81
V. COMPLETION DATA	The state of poor, give containing	Jing order statioer.	
		I Workover De	eepen   Plug Back   Same Res'v   Diff Res'v
GTRNSP. OGRID NO	22628 wt	<u>r_l_l</u>	
GTRNSP. OGRID NO	9171 2056	5350 544°	P.B.T.D. 11,457'
OIL POD NO	D376	s Pay	Tubing Depth
GAS POD NO. 305	- 	310'	
(c) — 10 · 10 · 10 · 10 · 10 · 10 · 10 · 10		0 0 07	Depth Casing Shoe
		3, & 87 √ING RECORD	11,544'
HOLE SIZE	CASING & JUBING SIZE	DEPTH SET	SACKS CEMENT
17=1/2''	13=3/8"	435~	425
12-1/4"	8-5/8"	4,320;	2,200
7-7/8"	5-1/2"	- 11,344	700
. TEST BATA AND REQU	JEST FOR ALLOWABLE	<u> </u>	
	ier recovery of total volume of load oil and mus		
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, g	gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
		, v	
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF
GAS WELL Actual Prod. Test - MCF/D			
Actual Frod. Test - MICI7D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
esting Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
VI. OPERATOR CERTII	FICATE OF COMPLIANCE	OH OONOL	TOWATION DUVIDION
I hereby certify that the rules and i	regulations of the Oil Conservation	OIL CONST	ERVATION DIVISION
Division have been complied with is true and complete to the best of	and that the information given above my knowledge and belief.		COOL & O VON
		Date Approved -	NOV 0 8 1993
Joe 21.	Cx 9	D.,	
Signature	, ,	By Origin	NAL SIGNED BY JERRY SEXTON
Printed Name	Title	Title	DISTRICT I SUPERVISOR
Joe H. Cox, Jr	Vice President- Operation	s	
	/ ኃ ለ ኃ \ ላ ነላ ነቸ <sup>ሚ ነ</sup> ኝ ነፃማ ኃ	TI .	

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



#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

100118 818	****		
DISTRIBUTIO	Эн		
BANTA PE			
FILE			
U.S.G.8.			
LAND OFFICE			
TRANSPORTER	OIL		
/ HARE - CONT & H	G AS		
OPERATOR			
PROBATION OF	ICE	Г	

#### OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

### REQUEST FOR ALLOWABLE AND

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS				
PENNZOIL EXPLORATION AND	PRODUCTION COMPANY			
Address				
P. O. DRAWER 1828, MIDLAN				
Resson(s) for filing (Check proper box)	NOTIFICATION OF COMPANY NAME CHANGE			
	New Well FROM PENNZOIL COMPANY TO PENNZOIL			
Recompletion Con	Recompletion EXPLORATION AND PRODUCTION COMPANY			
Change in Ownership Casingheda Gas Con				
If change of ownership give name				
and address of previous owner				
II. DESCRIPTION OF WELL AND LEASE	regition   Kind of Lease   Lease No.			
Lease Name	77 5107			
State C 4 Lovington Pen	III NOTCHEASE			
G 1980 North	andFeet From TheEast			
	_			
Line of Section 20 Township 16 S Range 37	E , NMPM, Lea County			
Line of Section 20 Township 20 Runys				
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	GAS Address (Give address to which approved copy of this form is to be sent)			
Name of Authorized Transporter of Oil X or Condensate	P. O. Box 2528, Hobbs, NM 88241-2528			
Texas New Mexico Pipeline Company  Name of Authorized Transporter of Casinghead Gas (X) or Dry Gas (2)	- Allehes south fet approved copy of this form is to be sent!			
Name of Authorized Transporter of Casinghead Gas X of Dry Gas Tire	4001 Penbrook, Odessa, TX 79763, 1992			
Phillips 66 Natural Gas GPM Gas Corporation	is gas actually connected? When			
If well produces oil or liquids.  G 20 16 37	Yes Unknown 8-26-81			
If this production is commingled with that from any other lease or pool,	give commingling order number:			
NOTE: Complete Parts IV and V on reverse side if necessary.	OIL GONGEDVATION DIVIGION			
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION			
I hereby certify that the rules and regulations of the Oil Conservation Division have	APPROVED			
been complied with and that the information given is true and complete to the best of	Orig. Signed by			
my knowledge and belief.	Paul Kautz Geologist			
	TITLE			
	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 (Signature) tests taken on the well in accordance with RULE 111.				
PRODUCTION ACCOUNTANT	All sections of this form must be filled out completely for allow-			
(Tule) OCTOBER 1, 1983	able on new and recompleted wells.  Fill out only Sections I. II. III, and VI for changes of owner.			
(Dete)	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.			

是心的小脑

OCT १ जन्त

Rot . . .

ODESSA, TEXAS 79762 4001 PENBROOK

DATE:	June	7,	1985	
DAIL.				

ENERGY AND MINERALS DEPT.
OIL CONSERVATION DIVISION
ATTN: MR. JERRY SEXTON
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

## NOTICE OF GAS CONNECTION

This is to notify the Oil Conservat	tion Commission that connection for the
purchase of gas from PE	NNZOIL, INC. Operator
State "C" Btry. Tank Vapors #1,2,&4, Lease	Well Unit S. T. R. Lovington NE Pennsylvanian
Phillips Petroleum Company  Name of Purchaser	, was made onMay 14, 1985
Jank Vapors	Phillips Oil Company  A Subsidiary Of Phillips Petroleum Compan  J. B. Rush - Representative  Production Records Supervisor  Room 215 Phillips Building

cc: To Operator Oil Conservation Commission - Santa Fe

I
!
**************************************
The second secon
1
a r
200 mm
;
:

NO. OF COPIES RECE	IVED	İ	
DISTRIBUTIO	N		
SANTA FE			
FILE			
U.S.G.S.		<u> </u>	1
LAND OFFICE			
TRANSPORTER	OIL		
I HANSPORTER	GAS		↓
OPERATOR			<u> </u>
PRORATION CFFICE		<u> </u>	ل

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-104

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

\ 	SANTA FE	REQUEST FO	OR ALLOWABLE	Supersedes Old C-104 and C-110 Effective 1-1-65
	FILE		AND ISPORT OIL AND NATURAL GA	s
-	U.S.G.S.	AUTHORIZATION TO TRAN	SPURT OIL AND NATORAL OF	
ŀ	IRANSPORTER OIL			
	GAS			
_ }	PRORATION OFFICE			
I.	Operator			
	Pennzoil Company			
	P.O. Drawer 1828, Mic	dland, Texas 79702-1828		
1	Reason(s) for filing (Check proper box)		Other (Please explain)	as sommestion
	New Well	Change in Transporter of: Oil Dry Gas	Notification of g	as connection.
	Recompletion Change in Ownership	Casinghead Gas Condens	ate	
ļ	If change of ownership give name			
	and address of previous owner			
11.	DESCRIPTION OF WELL AND L	EASE   Well No.   Pool Name, Including For	rmation   Kind of Lease	Lease No.
	Lease Name State "C"	4 Lovington Penn		or Fee State K-5187
	Location			
	Unit Letter G ; 198	O Feet From The North Line	and 1830 Feet From T	he <u>East</u>
	I the of Section 20 Town	nship 16-S Range 37	-E , NMPM,	ea County
III.	DESIGNATION OF TRANSPORT	ER OF OIL AND NATURAL GAS	Address (Give address to which approve	ed copy of this form is to be sent)
	Name of Authorized Transporter of Oil Texas-New Mexico Pipe Li	-A	P.O. Box 1510-Midland,	Texas 79702
	Name of Authorized Transporter of Cas.	Inghead Gas X or Dry Gas	Address (Give address to which approve	
	Phillips Petroleum Compa	Ny Unit Sec. Twp. Rge.	Phillips Bldg-Bartlevil	n
	If well produces oil or liquids, give location of tanks.	B 20 16-S 37-E	Yes	8/26/81
	If this production is commingled wit	h that from any other lease or pool,	give commingling order number:	
17.	COMPLETION DATA	Oil Well Gas Well	New Well Workover Deepen	Plug Back   Same Res'v. Diff. Res'v.
	Designate Type of Completio		Total Depth	P.B.T.D.
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
			<u> </u>	Depth Casing Shoe
	Perforations			
			DEPTH SET	SACKS CEMENT
	HOLE SIZE	CASING & TUBING SIZE		
	THE PART AND PROUEST FO	OR ALLOWABLE (Test must be a	fter recovery of total volume of load oil	and must be equal to or exceed top allow-
V	OIL WELL	able for this de	pth or be for full 24 hours)  Producing Method (Flow, pump, gas li	ft, etc.)
	Date First New Oil Run To Tanks	Date of lest		
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size
		Oil - Bbls.	Water-Bbls.	Gas-MCF
	Actual Prod. During Test	OII - BEIS.		
	GAS WELL	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
	Actual Prod. Test-MCF/D	Length of 1991		Choke Size
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
		CE	OIL CONSERVA	ATION COMMISSION
V	I. CERTIFICATE OF COMPLIAN	ICE	68	, 19
	I hereby certify that the rules and	regulations of the Oil Conservation	APPROVED Switter Division	
	Commission have been complied above is true and complete to the	with and that the information given the best of my knowledge and belief.	BY SESSESSESSESSESSESSESSESSESSESSESSESSES	and the same of th
	<i>A</i>	$\sim$ 0	TITLE	
		Johnson)		compliance with RULE 1104.  wable for a newly drilled or deepened enied by a tabulation of the deviation
	Noy!	·	If this is a request for allo well, this form must be accomp	anied by a tabulation of the deviation ordance with RULE 111.
	Roy R. Johnson (Sign Office Manager	natur <b>e</b> l	tests taken on the well in second	just be filled out completely for sllow-
		Title)	able on new and recompleted	for the see of owner
	October 30, 1981	Date	'I II or number, or usually	ittell or attract
	(1	Date)	Well name of figure C-104 my	ist be filed for each pool in multiply

NO. OF COPIES RECE	IVED		
DISTRIBUTIO	N		
SANTA FE			
FILE			
u.s.g.s.			
LAND OFFICE			
TRANSPORTER OIL			
INANSPORTER	G A S		
OPERATOR			L.,
		i	ı

(Date)

## NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE

Form C-104 Supersedes Old C-104 and C-110 Effective 1-1-55

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

AND
AUTHODIZATION TO TRANSPORT OIL AND NATURAL GAS

	u.s.g.s.	AUTHORIZATION TO TRANS	SPORT OIL AND NATURAL	_ GAS
	LAND OFFICE			
- 1	TRANSPORTER OIL			
	GAS			
L	OPERATOR			
1.	Operator Operator			,
	Pennzoil Company			
- }	Address			
Ì	P.O. Drawer 1828 - M	lidland, Texas 79702-1828		
ŀ	Reason(s) for filing (Check proper box)		Other Cherry	GAS MUST NOT THE
ł	New Well	Change in Transporter of:	FLARED AST	ER 1016/81
	Recompletion	Oil Dry Gas	UNLESS AND	EXCEPTION TO R-4070
	Change in Ownership	Casinghead Gas Condense	te   BOBTAINED	
	If change of ownership give name			
	and address of previous owner			
		- 10E		
11.	DESCRIPTION OF WELL AND L	Well No. Pool Name, Including Form	mation Kind of L	ease Lease No.
	Lease Name	4 Lovington Penn	C	deral or Fee State K-5187
	State -C-	1 4 LOVINGEON FEITH	1.01.011444	
	1	180 Feet From The N Line	and 1830 Feet Fi	om The FL
	Unit Letter 6 : 19	OU Feet Flom The IVE		-
	Line of Section 20 Town	nship 16-S Range	37-E , NMPM,	lea County
	Ellie of Section 20			
ITT	DESIGNATION OF TRANSPORT	ER OF OIL AND NATURAL GAS	Girandana ta which a	pproved copy of this form is to be sent)
	Name of Authorized Transporter of Oil	or Condensate		
	Texas-New Mexico Pipe Li	ine Company	P.O. Box 1510 - Mid	pproved copy of this form is to be sent)
	Name of Authorized Transporter of Cas	Industra Cas [A]	Phillips Bldg, Bart	
	Phillips Petroleum Compa	The state of the s	Is gas actually connected?	When
	If well produces oil or liquids,	Ulin Deer	No	very soon
	give location of tanks.	1		
	If this production is commingled wit	h that from any other lease or pool, g	give commingling order number:	
IV.	COMPLETION DATA		New Well Workover Deepe	The Design Diff Posts
	Designate Type of Completion		X	
		Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Date Spudded	8/6/81	11,544'	11,457'
	6/3/81 Elevations (DF, RKB, RT, GR, etc.)		Top Oil/Gas Pay	Tubing Depth
	DF 3831, GR 3815.7	Penn (Strawn)	11,310'	
	Perforations	7 (1111 (30) (1111)		Depth Casing Shoe
	1 - JSPF @ 11 310', 13.	21,27,29,36,41,45,48,57,6	50,63,69,73,77,83 & 8	37 11,544'
	1 0311 € 11,010 , 10,1	TUBING, CASING, AND	CEMENTING RECORD	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	17-1/2"	13-3/8"	435 '	425
	12-1/4"	8-5/8"	4320'	700
	7-7/8"	5-1/2"	11,544'	700
			<u> </u>	to a exceed top allows
v	. TEST DATA AND REQUEST F	OR ALLOWABLE (Test must be a)	fter recovery of total volume of loc pth or be for full 24 hours)	d oil and must be equal to or exceed top allow-
•	OII. WELL	Date of Test	Producing Method (Flow, pump,	gas lift, etc.)
	Date First New Oil Run To Tanks		Flow	
	8/6/81	8/7/8] Tubing Pressure	Casing Pressure	Choke Size
	Length of Test 24 hr	580	pkr	24/64"
	Actual Prod. During Test	Oil-Bbis.	Water-Bbls.	Gas-MCF
	Actual Prod. During 1991	444	None	953
	GAS WELL			Condensate
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
				Choke Size
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Cosing Pressure (Shut-in)	Chore Bills
			<u> </u>	TION COMMISSION
,	I. CERTIFICATE OF COMPLIAN	NCE	OIL CONS	ERVATION COMMISSION
			ADDROVED	, 19
	I hereby certify that the rules and	i regulations of the Oil Conservation	APPROVED	Ch. ar sau. !
		with and that the information given he best of my knowledge and belief.	BY	Sexion
	above is true and complete to the	ne best of my more a	1911	) A Train
			TITLE	
	$A \cap A$	)	This form is to be fil	ed in compliance with RULE 1104.
	So. S. John	Roy R. Johnson	If this is a request fo	or allowable for a newly drilled or deepened companied by a tabulation of the deviation of
	(Si	gnature)	well, this form must be at	a accordance with RULE 111.
	Office Ma	anager	All sections of this f	orm must be filled out completely for allow-
		Title)	able on new and recomple	eted wells.
	8/17/81		" II some or number, or u	ns I. II. III, and VI for changes of owner, ansporter, or other such change of condition.
		(Date)	- O.	na must be filed for each pool in multiply

:: 1 8 193¶; :: 1 8 193¶;

.

## INCLINATION REPORT

OPERATOR	Pennzoil Exploration & Production		rawer 1828 1, Texas 79702		
_	CIPLL NO				
LEASE S	• • •				
LOCATION	Section 20, T16S, R37E Lea C	County, New Mexico			
DEPTH	INCLINATION DEGREE	DISPLACEMENT	DISPLACEMENT ACCUMULATED		
237	1/4	1.04	1.04		
435	1/4	•87	1.91 5.60		
646	1	3.69	11.03		
956	1	5.43 2.56	13.59		
1250	1/2	5 <u>.</u> 25	18.84		
1550 1845	1 1	5.16	24.00		
2131	i	5.01	29.01		
2255	ī	2.17	31.18		
2450	ī 1/4	4.25	35•43		
2750	2 3/4	14.40	49.83		
2970	2	7.68	57.51		
3452	1	8.44	65 <b>.</b> 95		
3903 .	3/4	5.91	71.86		
4550	1 1/4	14.10	85 <b>.</b> 96 99 <b>.</b> 61		
5330	1	13 <b>.</b> 65 3 <b>.</b> 75	103.36		
2277	1 1 1/2	13.91	117.27		
6075	1 1/2	9.80	127.07		
6635 7009	1 1/4	8.15	135.22		
7570	1	9.82	145.04		
8100	1	9.28	154.32		
8540	1	7.70	162.02		
8741	1	3.52	165.54		
9200	1 ·	8.03	173.57 (over)		
I h the best	I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.  Cactus Drilling Corporation				
		By: 1. 6. 22	n William		
		Title: Drilling			
Affidavi	t:				
Bef known to depositi	ore me, the undersigned autome to be the person whose on, under oath states that rell identified above, and the laws are intentionally dev	name is subscribed herebo he is acting for and in b hat to the best of his k	behalf of the operator nowledge and belief		
		Affiant's s	ignature		
Sworn an	nd subscribed to in my prese	nce on this the 12th	day of August		
	:	Notary Publi	R. Vingin c for State of Texas		
•	ission Expires: 30, 1985				

DEPTH	INCLINATION DEGREE	DISPLACEMENT	DISPLACEMENT ACCUMULATED
9531	1/2	2.88	176.45
9940	3/4	5.36	181.81
10,208	3/4	3.51	185.32
10,660	1/2	3.98	189.30