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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator	PHILLIPS PETROLEUM COMPANY		
Address	4001 Penbrook St., Odessa, Texas 79762		
Reason(s) for filing (check proper one)	Order No. 5871 Change of lease name because of Unitization. Formerly: Phillips - Santa Fe # 23		
New Well	☐	Change in Transporter or	☐
Recompletion	☐	Oil	☐
Change in Ownership	☒	Transporter or	☐

If change of ownership give name and address of previous owner: Phillips Petroleum Co., 4001 Penbrook St., Odessa, Texas 79762

II. DESCRIPTION OF WELL

Lease Name	East Vacuum 55-1			Kind of Lease	Lease No.
Unit Tract No.	2648	023	Section 55-1A	State, NEW MEXICO	B-2131
Location					
Unit Center	M	660	Feet From The	South	660
Line of Section	26	Distance	17S	Range	35E
				N.M.P.M.	Lea
					County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil or Gas	Texas-New Mexico Pipe Line			Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Oil or Gas	Phillips Petroleum Company			P.O. Box 2528, Hobbs, N.M. 88240	
Name of Authorized Transporter of Oil or Gas	Phillips Petroleum Company			4001 Penbrook St., Odessa, Texas 79762	
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Gas	When gas actually connected?
	F	26	17S	35E	Yes 12-1-78

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (H)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res't.	Diff. Res't.
Date Spudded	12-1-78			Total Depth		P.B.T.D.		
Elevations (D.F., R.A.B., R.T., GR., etc.)	Name of Producing Formation			Top Oil/Gas Pay		Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE			DEPTH SET		SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

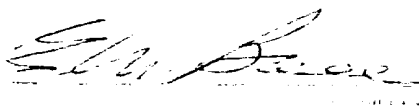
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Flowing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MMCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back, etc.)	Flowing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

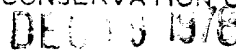
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.



PRODUCTION CLERICAL SUPERVISOR

12-12-78

OIL CONSERVATION COMMISSION

APPROVED:  , 19

BY

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 data taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowance 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.

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	GAS
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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

1. Operator
PHILLIPS PETROLEUM COMPANY
Address
4001 Penbrook Street, Odessa, Texas 79762

Reason(s) for filing (check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐
Other (Please explain) Order No. 5871 Change of lease name because of Unitization. Formerly: Phillips - Santa Fe # 23

If change of ownership give name and address of previous owner Phillips Petroleum Co., 4001 Penbrook St., Odessa, Texas 79762

II. DESCRIPTION OF WELL AND LEASE

Lease Name East Vacuum GB-SA	Well No. 023	Pool Name, including Formation Vacuum GB-SA	Kind of Lease	Lease No.
Unit Tract No. 2648			State, XXXXX	B-2131
Location				
Unit Letter M	660	Feet From The South	Line and 660	Feet From The West
Line of Section 26	Township 17S	Range 35E	NMPM	Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Texas-New Mexico Pipe Line	Address (Give address to which approved copy of this form is to be sent) P.O. Box 2528, Hobbs, N.M. 88240
Name of Authorized Transporter of Casinghead Gas Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook St., Odessa, Texas 79762
If well produces oil or liquids, give location of tanks.	Unit F Sec. 26 Twp. 17S Rge. 35E
Is gas actually connected? Yes	when 12-1-78

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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.


(Signature)

PRODUCTION CLERICAL SUPERVISOR

(Title)

12-12-78

(Date)

OIL CONSERVATION COMMISSION

APPROVED DEC 19 1978, 19

BY

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 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.

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-2131
7. Unit Agreement Name
8. Farm or Lease Name Santa Fe
9. Well No. 23
10. Field and Pool, or Wildcat Vacuum Sb/San Andres
12. County Lea

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒	GAS WELL ☐	OTHER-
1. Name of Operator Phillips Petroleum Company		
3. Address of Operator Room 711, Phillips Building, Odessa, Texas 79761		
4. Location of Well UNIT LETTER M 660 FEET FROM THE south LINE AND 660 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 17-S RANGE 35E NMPM.		
15. Elevation (Show whether DF, RT, GR, etc.) 3924' RKB		

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐	OTHER Run liner, perforate ☒

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 8-26-74: M. I. Johnson WS unit. Pld rods and tbq. Ran sand pump to 4580'
- 8-27-74: Ran 6 1/8" bit to bottom @ 4580' on 2 3/8" tbq. COOH.
- 8-28-74: Set 4 1/2" liner, bottomed at 4580', top at 3980. Howco cmtd liner w/250 gals mud flush, 185 sx Class H cmt w/3/10% LWL & 3% DA. Plug to 4544' w/10 bbls 15# mud and 14 BW. Backed off liner. Started reversing at 1200#, lost pressure and unable to reverse. Pumped in 270 BW. Pld tubing. Ran SLM, top of cement at 3429'.
- 8-29-74: Ran 2 3/8" tbq & 7" pkr, found hole in 7" csg at 2321'. Pld tbq & pkr. Ran tbq OE to 2400'. Howco spotted 140 sx Incor cmt w/170 Ca Cl2. Pumped in 10 BW, circ between 7" and 9 5/8" csg. Pld tbq to 1242'. SI 12 hrs.
- 8-30-74: Tagged TOC @ 2034'. Pressured to 1000#, pld tbq. Ran 2 3/8" tbq w/6 1/8" bit. Drld. cmt 2034-2244'. SD 12 hrs.
- 8-31-74: Drld cmt 2244-2430', started circ thru 9 5/8" annulus.
- 9-01-74: Pld tbq, DCS & bit. Ran tbq OE to 2398'. Howco cmtd w/150 sx Incor SR cmt w/2% Ca Cl2. Pumped in 10 BW. Pld tbq to 1242'. Pumped in 26 BW. Press to 1000#, WOC 12 hrs.
- 9-02-74: SD 24 hrs.
- 9-03-74: Drld cmt 2270-2430'; started circ between 7" and 9 5/8" csg. Pld tbq & bit.
- 9-04-74: Howco cmtd w/150 sx Incor SR cmt w/19# salt/sx, w/2% Ca Cl2. Pmpd 9 BW down tbq and 27 BW down casing. Press to 500#. Pld tbq to 1200', press to 1000#. WOC 21 hrs.
- 9-05-74: Drld cmt 2248-2448'. Tested csg to 900#, Ok. Ran bit to 3347', drld cmt 3347-3445'.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

W. J. Mueller TITLE Senior Reservoir Engineer DATE 9-23-74

Joe D. Ramey TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

9-06-74: Drld cmt 3445-3680'. Pld tbg to 2000'. SD.

9-07-74: Drld cmt, 3680-3980', top of liner. circ hole clean, COOH.

9-08-74: W/H w/2 7/8" bit, drld cmt inside liner f/3980-88', lowered bit to 4544', reversed 7 bbls, hole clean. Press csg to 1500#, Ok. Displaced water w/oil. Spotted 300 gal.

9-09-74: RU Dresser Atlas. Ran 3 5/8" logging tool, stopped @ 3980'. COOH. Ran 3 7/8" bit 2 3/8" tbg rotated into top of liner @ 3980'. Cleaned 4 1/2" liner wall f/3980'-82', lowered bit to 4544' COOH.

9-10-74: Dresser Atlas ran 3 5/8" logging tool, unable to go below 3980', top of liner. COOH Ran 1 7/8" logging tool, GR-correlation log. Perf. 4 1/2" liner w/4 holes/ft from 4435-39', 4' = 16 holes, set 2 3/8" tbg @ 4412'.

9-11-74: Set pkr @ 4376', tbg 4412', stg npl @ 4375'. Swbd 4 hrs, 16 BLO, 2 bbls acetic water swbd dry. Runco treated down tbg thru csg perfs 4435-39', w/1000 gals 28% acid. Flshd w/20 bbls treated water. Max press 2500#, min 2200# ISDP 1800#. 10 min SIP 1600# AIR 2-3 BPM. Swbd 3 hrs, 44 BAW And LW, 2 bbls new oil, swbd dry.

9-12-74: Swbd 4 hrs, 6 BO, no water, swbd dry. Runco treated down tbg thru csg perfs 4435-39' w/3000 gals 28% low surface tension acid followed by 2000 gals 3% low surface tension acid. Flushed w/20 bbls treated water. Max press 3000#, min 2500#, ISDP 1100#.

9-13-74: Swbd 4 hrs, 65 BLW, FL 3000'-3700', pld tbg and Baker R pkr. Set 2 3/8" tbg OE @ 4445', stg npl @ 4443'. Set 2" X 1 1/2" X 16' pump @ 4442'. P/14 hrs, 82 BLO, 80 BLW, 10 BSW.

9-14-74: P/24 hrs, 63 BLO, 226 BSW.

9-15-74: P/24 hrs, 65 BLO, 11 BNO, 241 BSW.

9-16-74: P/24 hrs, 14 BO, 243 BSW.

9-17-74: P/24 hrs, 10 BO, 241 BSW.

9-18-74: P/24 hrs, 12 BO, 239 BSW, GOR 461/l, sty 35.7; perfs 4435-39'. Well restored to production status.