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LAND OFFICE	
OPERATOR	1

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MAR 28 1980
NEW MEXICO OIL CONSERVATION COMMISSION
O. C. D.
ARTESIA, OFFICE

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.

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Cities Service Company	8. Farm or Lease Name POLK A Co.
3. Address of Operator Box 1919 Midland, TX 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>B</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>17</u> TOWNSHIP <u>23S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or, Wildcat N. Loving Morrow Ga.
15. Elevation (Show whether DF, RT, GR, etc.) 3025.5' GR	12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <input checked="" type="checkbox"/> Temporarily abandon Strawn zone & single complete in the Morrow zone.		OTHER <input type="checkbox"/>	

17. 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.

T.D. 12,574 PBTD 12,171 perforations 12,076 - 12,150' Morrow,
11,152 - 11,158' Strawn.

SEE ATTACHMENT.

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

SIGNED [Signature] TITLE Region Oper. Mgr. DATE 3/26/80

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAR 31 1980

CONDITIONS OF APPROVAL, IF ANY:

ATTACHMENT for C-103, on the POLK A #1, dated 3/26/80.

1. MIRU pulling unit. RU Wireline. Set blanking plug in 1.81" ID "F" nipple in on-off tool at 12,022' in Morrow tbg. Bleed off pressure & load tbg w/2% KCl FW. Kill Strawn w/2% KCl FW. ND dual tree. NU BOP. Release snap latch seal assembly from dual pkr. POOH & LD Strawn tbg.
2. Release Model N dual pkr @ 10,563'. Attempt to release on-off tool at 12,022'. NOTE: It is believed that Barite has settled out on top of pkr & there may be difficulty in releasing from on-off tool. If unable to release from pkr, determine free point & cut off tbg. POOH. GIH w/washover shoe & wash pipe & wash over tbg to 12,022'. POOH. GIH w/overshot on tbg & latch onto fish. Release from pkr & POOH.
3. RIH w/on-off tool on 2-3/8" tbg & latch onto pkr at 12,022'. Test tbg & plug to 3000#. ND BOP & install single wellhead. Swab tbg down to 10,000'. RU wireline Pull equalizing pin from blanking plug at 12,022'. Pull blanking plug from "F" nipple at 12,022' & flow Morrow to pit to clean up.
4. RU. Acidize Morrow.
5. Recover load & test.
6. If economical, run 4-point test & obtain BHP.
7. Put well on production. Reclaim Strawn tbg string, stac pac & dual wellhead.

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C-102 and C-103
Effective 1-1-65

OCT 8 1980

O. C. D.

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
POLK A COM	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
N. Loving Morrow	
12. County	
Eddy	

ARTESIA OFFICE
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.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER-

2. Name of Operator
Cities Service Company ✓

3. Address of Operator
Box 1919, Midland, TX 79702

4. Location of Well
UNIT LETTER B 660 FEET FROM THE North LINE AND 2310 FEET FROM
THE East LINE, SECTION 17 TOWNSHIP 23S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3025.5' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	Blank off Strawn perfs <input checked="" type="checkbox"/>

17. 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.

T.D 12,574' Shale OPBTD 12,171' Strawn perfs (11,152-11,158) are blanked off. Well producing from Morrow perfs (12,076-12,150) only. MIRU pulling unit and set a blank choke in 1.81" ID "F" nipple in on-off tool @ 12,022' in Morrow tbg. Killed Strawn w/100 Bbls 2% KCl FW. Released Baker SNAP latch seal assembly FR/Dual pkr @ 10,563'. Pulled Strawn tbg. Released Baker Model "K" Dual Packer @ 10,563' and on-off tool @ 12,022' and pulled packer, on-off tool and Morrow tbg. Ran tbg and latched onto Baker Lok-Set pkr @ 12,023 w/on-off tool. Tried to set a blank plug but could not. Pulled tbg and on-off tool. Tried to pull pkr @ 12,023' but could not release. Drove pkr down hole (top of pkr @ 12,150'). Ran and set 2-3/8" OD EUE tbg. @ 12,003 with a Baker Lok-set pkr. Set @ 11,995' blanking off Strawn perfs 11,152-11,158'.

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

SIGNED [Signature] TITLE Region Oper. Mgr. DATE 10/2/80

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE DEC 3 1980

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 22 1982
NEW MEXICO OIL CONSERVATION COMMISSION
O. C. D.
ARTESIA, OFFICE

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

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5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Polk A Com.	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Loving N. Strawn	
12. County	
Eddy	

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 - 1" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER-

2. Name of Operator
Cities Service Company /

3. Address of Operator
P.O. Box 1919 - Midland, Texas 79702

4. Location of Well
UNIT LETTER B 660 FEET FROM THE North LINE AND 2310 FEET FROM
THE East LINE, SECTION 17 TOWNSHIP 23S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3025.5' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <u>Plug off Morrow & retest old Strawn Perfs...</u> <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. 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.

O.T.D. 12,574' Shale, OPBTD 12,171'. It is proposed to plug off the Morrow Perfs 12,076 - 12,150' and retest the old Strawn Perfs 11,152 - 11,158' in the following manner:

1. MIRU pulling unit and pull tubing and packer.
2. Set a CIBP @ approx. 12,000', blanking off the Morrow Perfs 12,076 - 12,150', and dump 5 sacks of cement on top of CIBP for a new PBTD of approx. 11,950'.
3. Run tubing with a packer set @ approx. 11,050' and swab well in and test old Strawn Perfs 11,152 - 11,158' for productivity.
4. Acidize Strawn Perfs 11,152 - 11,158' w/3000 gals 15% DS-30 acid w/additives and 100 SCF N₂/bbl.
5. Recover load and retest for productivity.

PLEASE NOTE: The Strawn Zone in this well has been non-productive since June, 1980.....

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

SIGNED Elmer Startz TITLE Region Opr. Mgr. - Prod. DATE April 21, 1982

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE APR 23 1982

CONDITIONS OF APPROVAL, IF ANY:

El Paso NATURAL GAS
COMPANY

P. O. BOX 1384
JAL. NEW MEXICO 88252
PHONE: 505-395-2551

May 4, 1982

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MAY - 7 1982

O. C. D.
ARTESIA, OFFICE

Oil Conservation Division
State of New Mexico
P. O. Drawer DD
Artesia, NM 88210

Gentlemen:

This is to advise that on April 29, 1982 the Cities Service Company's Polk A Com. #1 (Morrow) gas well located in Unit B of Section 17, Township 23S, Range 28E, Eddy County, New Mexico was disconnected from El Paso Natural Gas Co.'s gathering system. This meter is blind plated and will remain on location temporarily, but inoperative, until permanent status of the measuring arrangement is determined.

This disconnection was due to recompletion and reconnection of strawn gas zone. (Meter #58-014-01) (Strawn 58-013-01-Reconnected)

Yours truly,

PERMIAN DIVISION DISPATCHING DEPARTMENT

Travis R. Elliott

Travis R. Elliott
Assistant Chief Division Dispatcher

TRE:bl

cc: Oil Conservation Division, Santa Fe, NM
Production Control Dept.
H. O. Whitt
Gas Purchases
M. E. McEuen
Operator
Measurement
R. L. Tabb
Vernon Rogers
Earl Smith
Slim Gordon
Dale Ballard
File

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MAY 26 1982

O. C. D.
ARTESIA, OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-83

SF file
C-122

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 4-27-82	
Company Cities Service Company		Connection To Air	
Pool LOVING N. STRAWN		Formation STRAWN	
Completion Date		Total Depth 12,574	Perforations 11,950
Casing Size 5 1/2"		Well No. 20#	Elevation 3025.5
Tubing Size 2 3/8"		Set At 4,778	Perforations From 11,152 To 11,158
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Well No. 1	Unit Sec. Twp. Rge. B 17 23S 28E
Packer Set At 11,020		County Eddy	
Producing Thru Tubing		Reservoir Temp. °F 196	Mean Annual Temp. °F 60
L 12,574 H 12,574 G 6,397		% CO ₂ .611	% H ₂ S 2.235
Prover 4.026		State New Mexico	
FLOW DATA		TUBING DATA	
NO.	Prover Line Size	Orifice Size	Press. p.s.i.g.
1.	4	1.000	510
2.	4	1.000	500
3.	4	1.000	500
4.	4	1.000	500
5.			
RATE OF FLOW CALCULATIONS		Casing Data	
NO.	Coefficient (24 Hour)	Press. p.s.i.g.	Temp. °F
1.	4.753	51.1468	523.2
2.	4.753	108.6443	513.2
3.	4.753	141.4736	513.2
4.	7.469	124.0806	513.2
5.			
NO.	P ₁	Temp. °F	T ₁
1.	.78	530	1.45
2.	.76	534	1.46
3.	.76	524	1.43
4.	.76	527	1.44
5.			
Gas Liquid Hydrocarbon Ratio		Mcft/bbl.	
A.P.I. Gravity of Liquid Hydrocarbons		Deg.	
Specific Gravity Separator Gas		XXXXXXX	
Specific Gravity Flowing Fluid		XXXXXX	
Critical Pressure		P.S.I.A.	
Critical Temperature		R	
P _c 2475 P _w 6223			
NO.	P ₁	P _w	P ₂
1.			5849
2.			4381
3.			3211
4.			1321
5.			
Absolute Open Flow		Angle of Slope	
1383 Mcft @ 15.025		59° 59'	
Remarks		Slope, n	
Calculated from known bottom hole pressures.		.57767	
Made one barrel of condensate.			
Approved By Commission		Conducted By	
		W.S.	
Calculated By		Checked By	
W.S.		M.K.	

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PERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

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SUNDRY NOTICES AND REPORTS ON WELLS

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OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>	5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input type="checkbox"/>
Name of Operator Cities Service Company			5. State Oil & Gas Lease No.
Address of Operator P.O. Box 1919 - Midland, Texas 79702 ✓			7. Unit Agreement Name
Location of Well UNIT LETTER B 660 FEET FROM THE North LINE AND 2310 FEET FROM THE East LINE, SECTION 17 TOWNSHIP 23S RANGE 28E NMPM.			8. Farm or Lease Name Polk A Com.
			9. Well No. 1
			10. Field and Pool, or Wildcat Loving N. Strawn
15. Elevation (Show whether DF, RT, GR, etc.) 3025.5' GR			12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Plug off Morrow & retest old Strawn Perfs...

17. 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.

O.T.D. 12,574' Shale, OPBTD 12,171'. New PBTD 11,950' Strawn. Workover complete. The Morrow perfs in this well have been plugged and abandoned. The Strawn perfs were opened and retested in the following manner:

MIRU pulling unit and pull tubing and packer. Set a CIBP @ 12,000' blanking off the Morrow Perfs 12,076-12,150, and dump 5 sacks of cement on top of CIBP for a new PBTD of 11,950'. Run tubing with a packer set @ approx. 11,020' and swab well in and test old Strawn Perfs 11,152-11,158' for productivity. Acidize Strawn Perfs 11,152-11,158' w/3000 gals 15% DS-30 acid w/additives and 100 SCF N₂/bbl. Recovered load. Ran 4 pt test as follows:

Time	GR	Choke	FTP	BP
1 hr	301 MCFD	4/64"	2333#	510#
1 hr	637 MCFD	8/64"	1989#	500#
1 hr	837 MCFD	11/64"	1680#	500#
1 hr	1150 MCFD	15/64"	998#	500#

Made 1 bbl distillate during 4 hr tst.

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

SIGNED Elmer Stutz TITLE Reg. Opr. Mgr. - Prod. DATE May 24, 1982

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE JUN 1 1982

CONDITIONS OF APPROVAL, IF ANY:

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AD OFFICE	
ERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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O. C. D.
ARTESIA, OFFICE

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5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Firm or Lease Name
Polk A Com.
9. Well No.
1
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Loving N. Strawn Morrow
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Cities Service Company		
Address of Operator		
P.O. Box 1919 - Midland, Texas 79702		
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UNIT LETTER	B	660
FEET FROM THE	North	LINE AND
2310	FEET FROM	
THE	East	LINE, SECTION
17	TOWNSHIP	23S
RANGE	28E	NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3025.5' GR

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TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/>
Plug off Morrow & retest old Strawn Perfs...	

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SIGNED Elmer Stutz TITLE Reg. Opr. Mgr. - Prod. DATE May 24, 1982

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Posted from P & A
ID-2
6-4-82