

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-00335
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
K-6019

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. Type of Well:
Oil Well ☐ Gas Well ☐ Other ☒ SWD

2. Name of Operator
Cambrian Management, LTD

3. Address of Operator
P.O. Box 272, Midland, TX 79702

4. Well Location

Unit Letter L : 1980 feet from the South line and 660 feet from the West line

Section 2 Township 15S Range 32E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
4290' GR 4304' RKB

7. Lease Name or Unit Agreement Name:

Chem D State

8. Well No.
1

9. Pool name or Wildcat
SWD PENN

11. 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 ☐ MULTIPLE COMPLETION ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ☒ ABANDONMENT
CASING TEST AND CEMENT JOB ☐

OTHER: ☐ Approved as to Plugging of the Well Bore.

12. Describe proposed or completed operations. (Clearly state all per Liability under bond is retained until
starting any proposed work). SEE RULE 1103. For Multiple Com Surface restoration is completed.
recompilation.

11/19/02 Confirm Revised plugging procedure w/ Chris Williams
11/21/02

Plug #1 100 sx Cl H w/ 1% CaCl 8830' - 8204' Tagged plug; Circulate Hole w/ 10 PPG mud
Plug #2 50 sx Cl H 6721' - 6248'
Plug #3 50 sx Cl H 4221' - 3814' Perf 4 SPF @ 4150'; Sqz 3 bbls cmt 3/4 BPM @ 750 psi;
11/22/02 TAG PLUG @ 3814'
Plug #4 50 sx Cl C 1570' - 1065'
Plug #5 75 sx Cl C 430' - surface Perf 4 SPF @ 430'; Sqz 25 sx 1.5 BPM @ 600 psi
Cut off wellhead, weld on P&A marker; Cut off deadmen anchors; Close pit
Computalog did perforating and Fleet Cementers did cementing

Attached: Revised Plug and abandon worksheet; Current Wellbore Sketch; Well reports for P&A

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

SIGNATURE Joe E. Crawford TITLE Operations Superintendent DATE 1/27/03

Type or print name Joe E. Crawford Telephone No. 915-620-9181

(This space for State use)

APPROVED BY GARY W. WINK TITLE MANAGER
Conditions of approval if any REPRESENTATIVE IF STAFF

DATE

FEB 04 2003

(4 STRING CSNG)

OPERATOR

Chem State

SECT

FROM

TD:

PBTD:

FORMATION @ TD Wolfgang

FORMATION @ PBTD ω_1/t

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 3/4	381'	Surf	Circ.	
INTMED 1	8 5/8	4142'	Surf	Circ.	
INTMED 2					
PROD	5 1/2	9580'	Surf	Circ.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1	4"	9355	10,350	9355	Circ.
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	8970 - 10,350	
INTMED 2			OPENHOLE	-	
PROD					

^a REQUIRED PLUGS DISTRICT 1

RUTLER (AMHYD)	
YATES	
QUEEN	
GRAYBRO	
SAN ANDRES	
CARTMAN REEF	
DELAWARE	
BELL CANYON	
CHEERY CANYON	
BRUBRY CANYON	
BORGE STR2HO	
GLORISTCA	
BLINEBRY	
TUBO	
DEMOGARD	
ADO	
ENC	
FENH	
STRAYN	
ATONCA	
WORELOW	
WCS	
DEYORGAN	

[illegible]

Approved
CW
TAG
SHE
PLUGS

БНД
РЛК

11/20/2002, Wednesday

Day # 8

Finish RIH to 8830'; Dig & line pit; Dig out cellar; SISDFN note: Cementer cancelled due to availability; Notified OCD of revised plugging date;

Daily Cost \$3,000

Cum Cost: \$48,000

11/21/2002, Thursday

Day # 9

Pump 20 bbls FW & establish returns; Mix 100 sx cl H w/ 1% CaCl; Displace w/ 40 bbls; POOH w/ 20 stands; Reverse out; WOC; Tag cement @ 8204; PLUG 1 8830' - 8204' - 636'; Circ 100 bbls 10 ppg mud; Spot 50 sx cl H @ 6721' - 6248'; POOH w/ TBG; Stand back 4200' & LD remainder of 2 7/8" & all 2 3/8" RU computalog & perf w/ 4" gun 4 SPF @ 4150' RIH w/ 2 7/8" TBG & spot plug bottom @ 4221'; Circ well w/ 10# mud; Mix 50 sx cl H; Displace w/ mud; POOH w/ 15 stands; Reverse out; Close rams and squeeze out 3 bbls cmt @ rate of 3/4 BPM @ 750 psi;

Daily Cost \$9,000

Cum Cost: \$57,000

11/22/2002, Friday

Day # 10

Tag top of cmt @ 3814'; Plug 3 - 4221 - 3814'; Spot 50 sx Cl C 1570' - 1065' POOH w/ TBG RU Computalog & perforate w/ 4" gun 4 SPF @ 430' Mix & pump 75 sx cmt; Squeeze out 25 sx; Plug 5 430' - surface RDMO Key #9; Weld on cap & install plugging marker; Cut off tie down anchors Will close pit by end of the month (Key)

Daily Cost \$10,100

Cum Cost: \$67,100

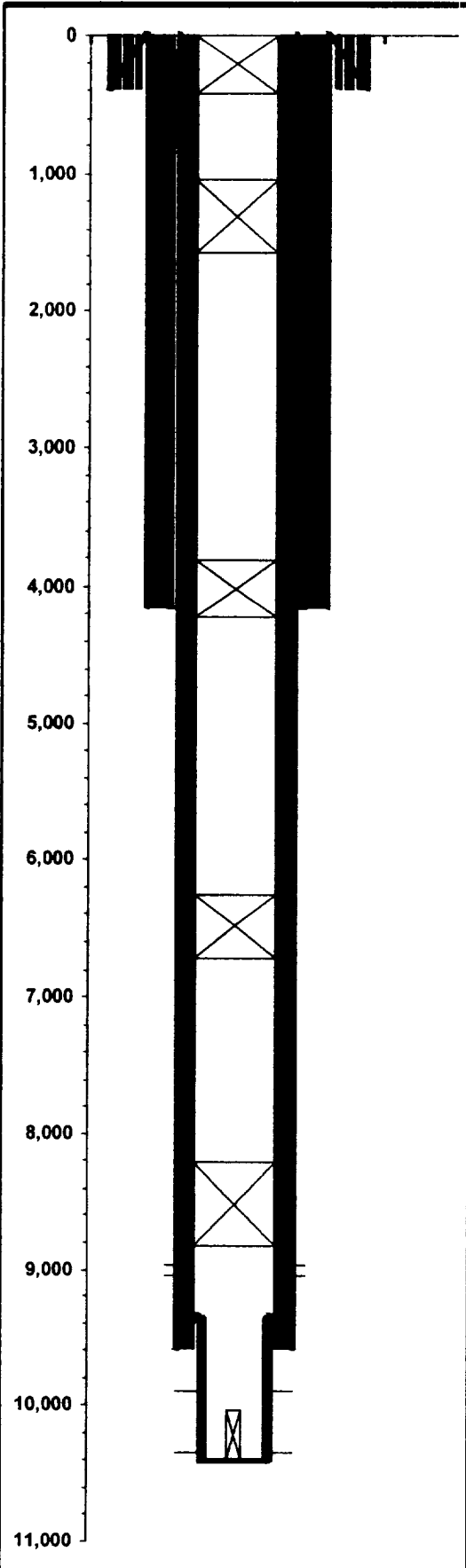
3000-11-22-02

Wellbore Schematic

Chem State D # 0001

Wellbore ID #: 71601D

Printed: 1/28/2003



1980 FSL & 660 FWL

GL Elev: 4,289.00

Sec.Blk.Sur(Lbr,Lge,Sur)or(Sec,Twn,Rng): 2, T - 15S, R - 32E

Fill Depth: 10,030

County, State: , NM

PBTD: 10,390.00

Aux ID (API, etc.):

TD: 10,395.00

KB = 13; DF = ; All Depths Corr To: KB

BOP:

Hole Size

Diameter	Top At	Btm At	Date Drilled
17.5000	0.00	381.00	9/27/1951
12.2500	0.00	4,142.00	11/5/1951
7.8750	0.00	9,580.00	12/15/2001
4.7500	9,355.00	10,390.00	12/20/2001

Conductor Casing

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		20.0000			40.00	13.00	53.00

Surface Casing

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		13.3750			368.00	13.00	381.00

Intermediate Casing

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		8.6250			4,129.00	13.00	4,142.00

Production Casing String 1

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		5.5000			9,567.00	13.00	9,580.00

Production Casing String 2

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		4.0000			1,035.00	9,368.00	10,403.00

Cement

# Sx	Class	Weight	I D	O D	Top At	Btm At	TOC Per
			13.375	17.500	0.00	381.00	Circ
			8.625	12.250	0.00	4,142.00	Circ
			5.500	7.880	0.00	9,580.00	Circ
			4.000	4.750	9,355.00	10,390.00	CBL

Perforations

Top	Bottom	Status	Opened	Closed	# / Ft	Ttl #	Open Hole?
429.00	430.00		11/22/2002	11/22/2002	4	4	
Squeeze holes for P&A							
4,149.00	4,150.00		11/21/2002	11/21/2002	4	4	
Squeeze holes for P&A							
8,970.00	9,044.00			11/22/2002			
9,898.00	10,350.00			11/22/2002			

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
0.00	430.00	Cmt	5.500	Yes	11/22/2002
Squeezed out 25 sx					
1,045.00	1,570.00	Cmt	5.500	Yes	11/22/2002
3,814.00	4,221.00	Cmt	5.500	Yes	11/21/2002
Tagged Plug; Squeezed 3 bbls					
6,248.00	6,721.00	Cmt	5.500	Yes	11/21/2002
8,204.00	8,830.00	Cmt	5.500	Yes	11/21/2002
Tagged plug;					
10,030.00	10,390.00	Tbg	1.000	Yes	
360' 1" tubing					

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Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

30-025-00335

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

K-6019

7. Lease Name or Unit Agreement Name:

Chem D State

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. Type of Well:

Oil Well ☐ Gas Well ☐ Other ☒ SWD

2. Name of Operator

Cambrian Management, LTD

3. Address of Operator

P.O. Box 272, Midland, TX 79702

8. Well No. 1

9. Pool name or Wildcat

SWD PENN

4. Well Location

Unit Letter L : 1980 feet from the South line and 660 feet from the West line

Section 2

Township 15S

Range 32E

NMPM

County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

4290' GR 4304' RKB

11. 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 ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ☐

CASING TEST AND ☐ ABANDONMENT

CEMENT JOB ☐

OTHER: ☐

12. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Temporarily abandon wellbore by spotting 100 sx cmt plug from 8865' - 7961' and 50 sx cmt plug from 6700' - 6248' as outlined in previous application to plug and abandon dated 11/26/01. These plugs would be spotted after cutting tubing off @ 8865'; Packer can not be pulled because of partially collapsed casing @ 6665'.

We would like to leave the wellbore accessible above 6248' for possible shallower disposal application in the foreseeable future.

Please see attached procedure and wellbore sketch

WORK WILL BE COMPLETED BY END OF NOV. 2002

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

SIGNATURE Joe E. Crawford TITLE Operations Superintendent DATE 10/28/02

Type or print name Joe E. Crawford

Telephone No. 815-670-9181

(This space for State use)

APPROVED BY

Conditions of approval, if any:

ORIGINAL SIGNED BY

GARY W. WINK

OC FIELD REPRESENTATIVE II/STAFF MANAGER

DATE OCT 30 2002



Cambrian
MANAGEMENT, LTD.

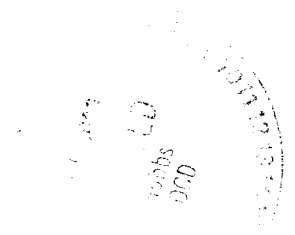
P.O.Box 272
Midland, Texas 79702
Ofc: 915-620-9181
Fax: 915-570-0102

Chem State #1D SWD Temporary Abandonment Procedure

Attachment to Form C-103

1. Test anchors, Call NMOCD
2. MIRU workover rig, hold safety meeting, discuss job procedure
3. ND wellhead, NU BOP
4. RU wireline Co., broach tubing, cut off tubing above packer @ 8865'
5. POH & LD injection tubing
6. RIH w/ work string to 8865'; Establish circulation w/ 9.5 ppg brine water
7. RU cement co. and spot 100 sx class H plug from 8865' – 7961'; Tag plug and repeat until top of cement is at or above 7961';
8. Pull up hole and spot 50 sx class H from 6700' – 6248'; POOH & LD work string
9. ND BOPS; NU wellhead
10. Allow cement to set overnight
11. Pressure test casing 500 psi for 30 minutes pretest and record on pressure chart
12. RDMO workover rig; Dispose of all fluids and close pits; Haul tubulars
13. Schedule mechanical integrity pressure test for NMOCD witness.

Work will be completed by 1/19/03



Chem State #1D SWD Lea County, NM

Proposed wellbore sketch after temporary abandon

13.375" @ 381'
CMT to surface

8 5/8" csg @ 4142'
CMT to surface

Collapsed casing @ 6665'
50 sx class H 6700 - 6248'
Cement plug #2

100 sx class H 8865' - 7961'
Cement plug #1

Packer w/ cutoff tubing
at 8865'

5 1/2" @ 9580'
CMT to surface

4" liner 9355' - 10390'
Cemented 9355'-10390'

TD - 10400'





Cambrian
MANAGEMENT, LTD.

P.O.Box 272
Midland, Texas 79702
Ofc: 915-620-9181
Fax: 915-570-0102

New Mexico – OCD
1625 North French Drive
Hobbs, NM 88241
Attention: Mr. Chris Williams

October 28, 2002

Re: Chem State #1D SWD
Form C-103
Temporary abandon

Mr. Williams,

Please review the application to temporarily abandon our Chem State #1D SWD in Lea County, New Mexico. The application incorporates procedures that will enable us to plug and abandon this well, if no need for future water disposal exists. Work will be scheduled to commence upon approval of this application, and will be completed by January, 19, 2003.

We appreciate your consideration in this matter. Please feel free to contact me at (915)620-9181 if there are any questions.

Respectfully

Joe E. Crawford
Operations Superintendent
Cambrian Management, Ltd

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01/11/02 BY 60322
Hobbs, NM

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Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO. <u>30-025-00335</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <u>K-6019</u>
7. Lease Name or Unit Agreement Name: <u>CHEM D STATE</u>
8. Well No. <u>1</u>
9. Pool name or Wildcat <u>SWD PENN</u>

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. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>SWD</u>	
2. Name of Operator <u>Cambrian Management, Ltd</u>	
3. Address of Operator <u>P.O. BOX 272, MIDLAND, TEXAS 79702</u>	
4. Well Location Unit Letter <u>L</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>WEST</u> line Section <u>2</u> Township <u>15 S</u> Range <u>32 E</u> NMPM County <u>LEA</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>4290' GR, 4304' RKB</u>	

11. 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 ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation. See attached

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

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

SIGNATURE [Signature] TITLE Partner DATE 11/26/01

Type or print name Alan D. Means Telephone No. 915-620-9181
(This space for State use)

APPROVED BY _____ TITLE _____ DATE JAN 11 2002
Conditions of approval, if any:

5
C



Cambrian
MANAGEMENT, LTD.

P.O.Box 272
Midland, Texas 79702
Ofc: 915-620-9181
Fax: 915-682-5524

**Chem State #1D SWD
Plug and Abandonment Procedure**

Attachment to Form C-103

1. Test anchors, Call NMOCD.
2. MIRU pulling unit, hold safety meeting, discuss job procedure.
3. ND wellhead, NU BOP.
4. RU wireline company, broach tubing, cut-off tubing above packer at 8860' +/-.
5. POOH w/ tubing, LD.
6. PU work string, RIH to 8860' +/-, circulate hole w/ 9.5 #/gal brine water.
7. RU cement company, spot plug #1, 100 sacks, class "H" cement from 8865' to 7961'. — TAG
8. PUH, spot plug #2, 50 sacks from 6700' to 6248', records indicate partial collapse of casing at 6665'. SCHEMATIC SHOWS SHOE @ 4142'
9. PUH, spot plug #3, at 8 5/8" shoe, 50 sacks from 4200' to 4748'. 4100' to 4748' — TAG
10. PUH, spot plug #4, 50 sacks from 2500' to 2048'.
11. PUH, spot plug #5, 50 sacks at 13 3/8" casing shoe from 431' to surface. —
12. Cut-off wellhead and weld on plate and P & A marker.

Plug and abandonment to commence as soon as AFE approval is obtained, estimated 2/01/02 at the latest.



TD 10:400