BW - ____19____

GENERAL CORRESPONDENCE

YEAR(S):

2007 - Present

File Review BW-19 Key Energy Services, Inc. City of Carlsbad #1 Brine Station

H-36-22S-26E API 30-015-21842

• Last permit renewal dated 3/7/08. Scheduled to expire 12/19/11. Reverse flow. Maximum injection pressure 213 psig. Annual formation testing required at 300 psig for 4 hours. Casing MIT once every 5 years at 300 psi for 30 minutes with first once scheduled for 2008. Renewal application calls for anticipated brine production rate of 650 bbls/day.

• Freshwater obtained from City of Carlsbad.

• Facility located within the Otis, New Mexico (1985) USGS 7.5 minute quadrangle.

• Twice yearly, wastes are transported to Key Energy BKE SWD located on Roberson Road for disposal.

• According to OSE data, there are no water wells within 1/4 mile. According to wells within one mile, DTW in the area ranges from 60 to 149 ft bgs.

• Trucker's Water Company original owner, sell to Unichem in 1981. Original discharge plan approved 12/18/82. Unichem sold out facility in March 1993. Rowland Trucking of Hobbs applied for renewal permit in 1996. Rowland operated thru at least April 1998.

• Landowner: Weldon Stafford Revocable Trust, 1319 Doepp Drive, Carlsbad 88220 phone 885-6000. Claiborne Power and Will Brantley both of Merland, Inc. are landowners in area of water station.

• 200 bbl release reported in May 2000 when unknown person opened valves.

- City has supply well within one mile.
- Releases suspected as far back as 1985

Missing production and injection data

^{4th} quarter of 1981 thru 4th quarter of 1986 1st and 4th quarters of 1989 1st quarter of 1992 thru 4th quarter of 1993 4th quarter of 1998 3rd and 4th quarters of 1999 No injection data for 2nd and 3rd quarters of 2001 1st quarter of 2004 thru plugging of well

36-22S-26E

00 220 202			
30-015-20829	Airport Grace #1	Bold Energy LP	logs exist
30-015-10908	Salty Bill SWD #1	Corinne Grace	log exists
30-015-20573	Grace Carlsbad #1	Оху	logs exist
30-015-21842	City of Carlsbad #1	Key	no log
31-22S-27E			
30-015-20288	Allen #1	Sabre Operating	logs exist
30-015-32795	Allen COM #2	Chi Operating	logs exist
30-015-33788	Allen #3	Chi Operating	logs exist
30-015-20368	Little Jewel COM #1	Chaparral Energy	logs exist
30-22S-27E			
30-015-26367	Pre Ongard		no log
30-015-28485	Rodgers #1	Oxy	no log
30-015-20401	Spencer A #1	Chi Operating	logs exist
30-015-20430	Merland B COM #1	Oxy	logs exist
30-015-29007	Hagerman #1	Chi Operating	logs exist
30-015-33181	Merland #2	Chi Operating	logs exist
		. 0	5

30-015-36231	Arthur #1	Chi Operating	no log
25-22S-26E 30-015-00372 30-015-31597 30-015-20325 30-015-20452	Pre Ongard City of Carlsbad COM #2 City of Carlsbad COM #1 Gopogo #1	Marbob Energy Oxy Oxy	no log logs exist logs exist logs exist
1-23S-26E 30-015-00373 30-015-32288 30-015-20246 30-015-20286 30-015-32480	Pre Ongard Gulf Federal Com #3 Collatt Estate Com #1 Gulf Federal #1 Collatt #2	Cimarex Energy Merit Energy Cimarex Energy Merit Energy	no log logs exist logs exist logs exist logs exist
6-23S-27E 30-015-20087 30-015-20545 30-015-33292 30-015-20335 30-015-32560	Pre Ongard Gulf Federal COM #2 Joell 6 #2 Joel #1 Gulf Federal COM #4	Cimarex Energy Devon Energy Chaparral Cimarex	logs exist logs exist logs exist logs exist logs exist

File Review BW-19 Key Energy Services, Inc. City of Carlsbad #1 Brine Station

H-36-22S-26E API 30-015-21842

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Griswold, Jim, EMNRD

From: Sent: To: Cc: Subject: Attachments: Patterson, Bob [bpatterson@keyenergy.com] Monday, November 09, 2009 11:20 AM Griswold, Jim, EMNRD Gibson, Dan; Miller, Robyn RE: Carlsbad Brine Facility Carlsbad Brine Production.xls

Jim,

I'm having some problems finding the information needed since the time that Key purchased Ram/Rowland. I have attached the spread sheet with production figures and we are still looking for more data. If you would send me the needed dates for all of the Key brine facilities, then I can get started on those as well. Thanks for your patience

Bob Patterson | Key Energy Services, LLC | Area Manager, Trucking Division | O: 575.394.2586 | C: 575.631.7597

-----Original Message----- **From:** Griswold, Jim, EMNRD [mailto:Jim.Griswold@state.nm.us] **Sent:** Wednesday, October 07, 2009 11:38 AM **To:** Patterson, Bob **Cc:** Gibson, Dan **Subject:** Carlsbad Brine Facility

Bob,

Actually, it was my pleasure meeting with you. By OCD records it appears the Carlsbad #1 brine well went into production on 8/20/76 and was plugged 32 years later on 10/22/08. Our files are missing quarterly brine production and fresh water injection information from:

the 4th Quarter of 1981 thru the 4th quarter of 1986

the 1st and 4th quarters of 1989

the 1st quarter of 1992 thru the 4th quarter of 1993

the 4th quarter of 1998

the 3rd and 4th quarters of 1999

the 2nd and 3rd quarters of 2001 (no injection data)

and from the 1st quarter of 2004 thru plugging of the well.

Jim Griswold Senior Hydrologist Environmental Bureau ENMRD/Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

direct: 505.476.3465 email: jim.griswold@state.nm.us

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message.

This email has been scanned using Webroot Email Security.

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Key Energy Services, LLC Carlsbad Brine Well #1 BW-19

Injection

1981	Production
4th Quarter	110.050
1982	118,853
1st Quarter	131,935
2nd Quarter	115,825
3rd Quarter	87,570
4th Quarter 1983	72,745
1st Quarter	
2nd Quarter	37,155
3rd Quarter	52,590
4th Quarter	49,460
1984	47,675
1st Quarter	38,648
2nd Quarter	48,321
3rd Quarter	82,930
4th Quarter	54,515
1985	
1st Quarter 2nd Quarter	44,613
3rd Quarter	51,980
4th Quarter	54,895
1986	66,945
1st Quarter	20.1
2nd Quarter	30,650
3rd Quarter	30,520
4th Quarter	10,340
1989	16,205
1st Quarter	10,765
4th Quarter	12,362
1992 1st Quarter	
2nd Quarter	19,255
3rd Quarter	35200
4th Quarter	43,020
1993	30,591
1st Quarter	14 4 4 7
2nd Quarter	14,145
3rd Quarter	18,926 24,545
4th Quarter	24,545 31,833
1998	01,000
4th Quarter	

	Production	Injection
1999		•
3rd Quarter		
4th Quarter		
2000		
1st Quarter		
2nd Quarter		
3rd Quarter		
4th Quarter		
2001		
1st Quarter		
2nd Quarter		
3rd Quarter		
4th Quarter		
2002		
1st Quarter		
2nd Quarter		
3rd Quarter		
4th Quarter		
2003		
1st Quarter		52821
2nd Quarter		21082
3rd Quarter		41133
4th Quarter		42548
2004		
1st Quarter	25550	57082
2nd Quarter	51100	59164
3rd Quarter	12771	19760
4th Quarter	12976	4717
2005		
1st Quarter		9967
2nd Quarter		
3rd Quarter		
4th Quarter		
2006		
1st Quarter		
2nd Quarter		
3rd Quarter		
4th Quarter		
2007		
1st Quarter		
2nd Quarter		
3rd Quarter		
4th Quarter		

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 To:
 Chavez, Carl J, EMNRD

 Cc:
 Chavez, Carl J, EMNRD

 Subject:
 Key Energy Services, L.L.C. (BW-19) Meeting on New Class III Well Application for Facility

 GEN. CORRESPONDENCE

Date: 10-6-09 (9:30 a.m. – 10:30 a.m.)

Key Attendees:

Bob Patterson (Area Manager- Trucking Division) Rex Alexander (Trucking Manager) Dan Gibson (Corporate Environmental Manager) H.C. Putman (Area Manager)

OCD Attendees:

Carl Chavez Jim Griswold Glenn von Gonten

Key had no plan to present, but wanted to listen to OCD thoughts on an application for a new Class III Well, since the OCD Moratorium on new applications ended back in June of 2009. Key has a modern facility at the location near its plugged and abandoned BW-019, and would prefer to drill another well at the facility.

- Trailer House nearby BW-019. OCD has siting and land ownership concerns..... set-backs from lease line, away from population centers, city limits,....
- OCD shows well log from nearby well with deeper salt formation (Castile Fm.) at about 1000 ft. bgl with a stronger anhydrite back would be preferred over shallow Salado Fm. w/ ledges type brine well. Key like idea of deeper well on same facility in order to use its modern facility nearby BW-019.
- OCD likes the single casing w/ 2 strings of tubing well construction, but would consider what Key proposes.
- Key will need to look at surrounding wells to create a cross-section of the hydrogeology across the area to determine if the Castile Fm. may be present beneath their facility. Key owns 30 acres of land on state mineral lease land. Key could buy a couple more acres from the landowner?
- There will probably be public comments associated with any new wells drilled at the facility. Be prepared... Key states that if well is deeper and can be placed at the facility, can use existing Key facility and depth coupled w/ well construction into Castile (if geology permits) may make a new well at the facility possible.....
- OCD mentions that there will be logging requirements, i.e., cement bond log at completion of cementing casing, and other logs. Would like upper 200 ft. logged, unlike oil and gas well logs that miss this zone.
- OCD mentions that Key will need to submit an OCD C-108 Form and the numberless brine well application forms with its submittal package. OCD mentions that WQCC Regulations 20.6.2 NMAC includes all of the info. needed for a new well application..... look there to see what OCD expects from Key for the new Class III Well.
- OCD mentions that new Class III wells will need to meter or track injection vs. production of brine. Key states that BW-28 is fully metered...
- OCD mentions that any new well at the facility will require a new well or permit application.
- Key is the first new well application, since the moratorium ended.....
- OCD mentions the "Closure Plan" requirements in Key's Discharge Plans and recommends that any subsidence monitoring, well monitoring, facility decommissioning, continued use of the facility, etc. should be submitted to the OCD in the form of a "Closure Plan" to address the discharge permit requirement. For example, at BW-19, the closure plan to focus on the PA's brine well, facility, subsidence monitoring, etc., but may also summarize how the facility will not be decommissioned, but used for the new well, but may satisfy the closure requirements for BW-019? Full or partial closure?
- Key mentioned that they were interested in using its plugged and abandoned Eunice Well for disposal into the salt cavern.... OCD mentioned that Key may want to take a look at the Brine Well Working Group comments from March of 2009 at "BW-999" under OCD Online to view the detailed discussion of the concerns under the "Talking Points" thumbnail as there were some issues identified related to this subject depending on the waste type, etc.

• Key will put an application package together and meet with the OCD again to make sure the package is acceptable and move forward with the submittal process. Ok.

END.....

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3490 Fax: (505) 476-3462 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>index.htm (Pollution Prevention Guidance is under "Publications")

From:	Chavez, Carl J, EMNRD
Sent:	Tuesday, October 14, 2008 10:13 AM
То:	'Patterson, Bob'
Cc:	Philliber, Mark; Price, Wayne, EMNRD; Sanchez, Daniel J., EMNRD; Macquesten, Gail, EMNRD; Gum, Tim, EMNRD
Subject:	FW: Key Energy Services, LLC. BW-19 C-103 PA Approval
Attachments	: BW-19 PA Approval 2-19-08.tif

Bob:

The Oil Conservation Division (OCD) is writing to request the status of the plug and abandonment of BW-19 in Carlsbad, NM. OCD records indicate that Wayne Price (OCD) signed a C-103 form approving the plug and abandonment of BW-19 on February 19, 2008.

Has the well been plugged and abandoned according to the signed C-103? If so, please update the OCD on the plug and abandonment and submit the final C-103 to me by close of business October 16, 2008. If the well has not been plugged and abandoned in accordance with the signed C-103, then Key Energy Services LLC is out of compliance with the USEPA 90 day corrective action period and has 60 days from today's date to plug and abandon the well in accordance with the C-103. In addition, the OCD requires the following for BW-19:

C-103 City of Carlsbad Well No. 1 (BW-19) API# 30-015-21842 Conditions of Approval

1) A sonar test of the salt cavern is required in advance of plugging and abandoning the well. If a Sonar cannot be run, then OCD will require seismic and subsidence monitor and will require additional financial assurance.

2) Cavern must be filled with brine water in advance of plugging and abandonment operations.

3) Cement must be pressure grouted from bottom to top or surface under adequate pressure. Class "C" Cement from CIBP Setting Depth to surface is required.

4) Install a plug and abandonment marker.

5) Final C-103 Form shall be submitted within 30 days of plug and abandonment with final construction details.

The above plug and abandonment work must be completed within 60 days of the date of this message. Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>index.htm (Pollution Prevention Guidance is under "Publications")

From: Chavez, Carl J, EMNRD Sent: Tuesday, February 19, 2008 8:36 AM To: 'Patterson, Bob' Cc: Price, Wayne, EMNRD; Gum, Tim, EMNRD

Subject: Key Energy Services, LLC. BW-19 C-103 PA Approval

Bob:

Please find attached OCD approval from Mr. Wayne Price (Environmental Bureau Chief) dated 2/19/2008 on Key Energy Services, LLC (Key) C-103 for Brine Well 19 (API# 30-015-21842). Please submit the final report within 30 days of completion of field work.

Also, Key will need to submit an APD to OCD Santa Fe with a copy to the OCD Artesia District Office for the new UIC Class III replacement brine well. We will need a bond in place for the new well. Perhaps a Rider to the existing \$50K bond with the new API# and well name, etc. would work. Key will need an API# for the new bond or bond rider. Thank you.

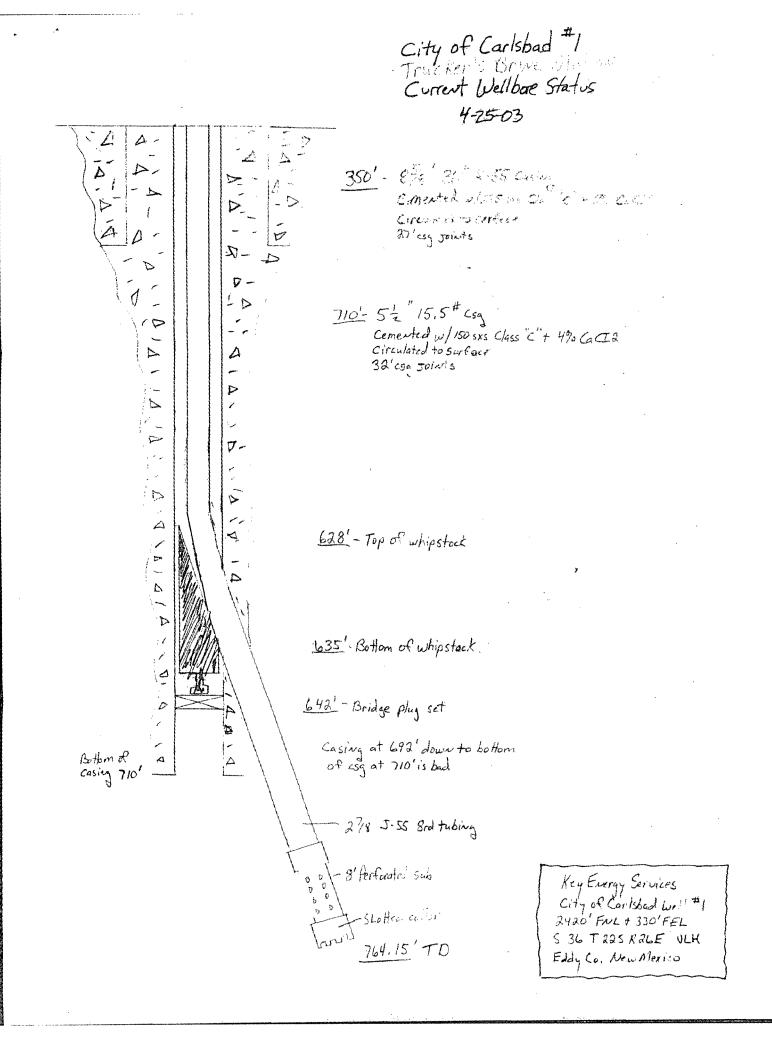
Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: CarlJ.Chavez@state.nm.us Website: <u>http://www.emnrd.state.nm.us/ocd/</u>index.htm (Pollution Prevention Guidance is under "Publications")

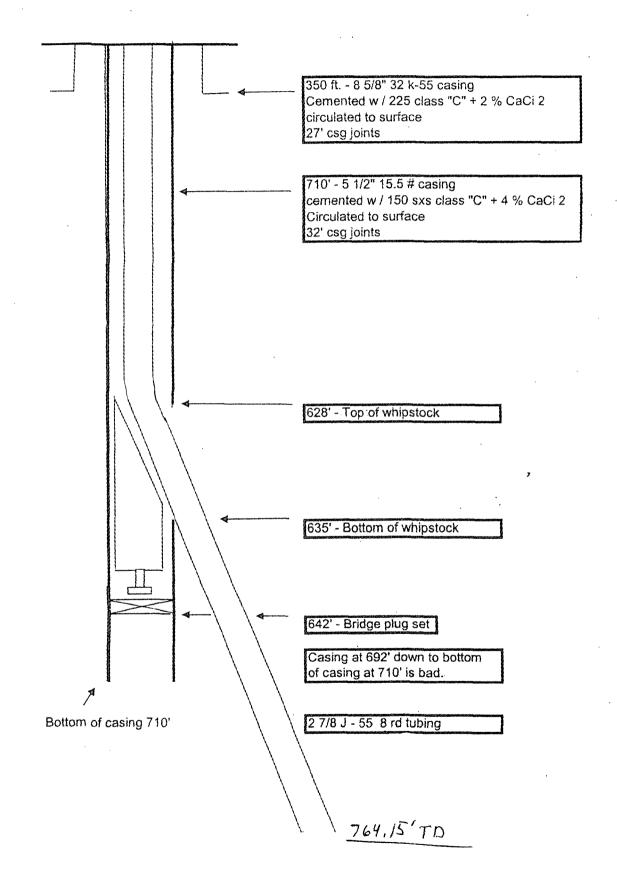
 saonni 5 Copies 10 Appropriate District Office District I 1625 N, French Dr., Hobbs, NM 88240 District II 1301 W, Grand Ave., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S, St. Francis Dr., Santa Fe, NM 87505 	State of New Me Energy, Minerals and Natu OIL CONSERVATION 1220 South St. Fran Santa Fe, NM 87	DIVISION cis Dr. 5.	W - 19 ELL API NO. -015-21842 Indicate Type of Lease STATE ⊠ 1 State Oil & Gas Lease	FEE
(DO NOT USE THIS FORM FOR PROPO	CES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLU CATION FOR PERMIT" (FORM C-101) FO	JG BACK TO A PR SUCH	Lease Name or Unit Ag City of Carlsb	· /
1. Type of Well: Oil Well	Gas Well 🗌 Other Brine	8.	Well Number	
2. Name of Operator Key Energy Services. LLC		9.	OGRID Number	
3. Address of Operator 6 Desta Drive, Suite 4400, N			10. Pool name or Wi Brine Mining Well	1
4. Well Location	6. d. North 1	A Frend 1		
Section 36 Townshi	from the North line and 330 feet fi ip 22S Range 26E	NMPM Lea Cou	ntv	-
	11. Elevation (Show whether DR,			t.
Pit or Below-grade Tank Application 🗌 e			• •	
	Below-Grade Tank: Volume			r
4.4 Performance Performance and a service and a performance of a service of a service and a service an	Appropriate Box to Indicate N		uction Material	
NOTICE OF IN PERFORM REMEDIAL WORK TEMPORARILY ABANDON	TENTION TO: PLUG AND ABANDON 🛛 CHANGE PLANS	SUBSE REMEDIAL WORK COMMENCE DRILLIN CASING/CEMENT JO	G OPNS P AND	
OTHER:		OTHER:		
of starting any proposed we or recompletion. See Attached wellbore of		le Completions: Attach	wellbore diagram of pro	posed completion
	ug and abandon this well. The ell nearby into the same salt so		e. The salt section is	
In early 2008, four sepa attempt pumped 59 bbl test of 300 psi bled back to be positioned outside <u>Proposed P&A proced</u> t		pm, AIP 1250 psi. Al	105' were performe ter drilling out cem	The last
	500' (whipstock top at 628')		-	
POOH to 100 feet, plac	cement below retainer. e cement plug from 100-600 fe ing to surface. Repeat, if neces		cement plug.	
Cut off casing stubs, pla	•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
I hereby certify that the information grade tank has been/will be constructed or				
SIGNATURE M. Ouffe	TITLE A	gent for Key Energy	DATE	2-7-2008
Type or print name For State Use Only	E-mail ad	Idress:	Telephone	No.
APPROVED BY		EULL BUNGAU	diffe DATE	allalas

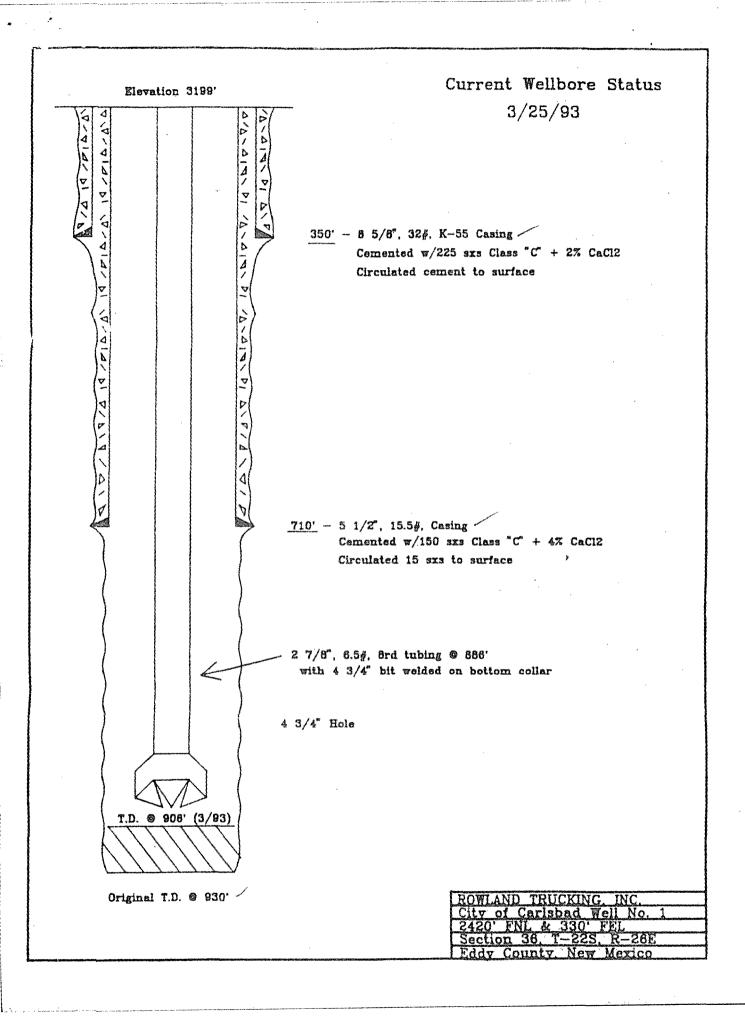
ب العصاد التي الماري

APPROVED BY: Conditions of Approval (if my):

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From:	Chavez, Carl J, EMNRD
Sent:	Tuesday, October 14, 2008 10:13 AM
То:	'Patterson, Bob'
Cc:	Philliber, Mark; Price, Wayne, EMNRD; Sanchez, Daniel J., EMNRD; Macquesten, Gail, EMNRD; Gum, Tim, EMNRD
Subject:	FW: Key Energy Services, LLC. BW-19 C-103 PA Approval
Attachments	: BW-19 PA Approval 2-19-08.tif

Bob:

The Oil Conservation Division (OCD) is writing to request the status of the plug and abandonment of BW-19 in Carlsbad, NM. OCD records indicate that Wayne Price (OCD) signed a C-103 form approving the plug and abandonment of BW-19 on February 19, 2008.

Has the well been plugged and abandoned according to the signed C-103? If so, please update the OCD on the plug and abandonment and submit the final C-103 to me by close of business October 16, 2008. If the well has not been plugged and abandoned in accordance with the signed C-103, then Key Energy Services LLC is out of compliance with the USEPA 90 day corrective action period and has 60 days from today's date to plug and abandon the well in accordance with the C-103. In addition, the OCD requires the following for BW-19:

C-103 City of Carlsbad Well No. 1 (BW-19) API# 30-015-21842 Conditions of Approval

1) A sonar test of the salt cavern is required in advance of plugging and abandoning the well. If a Sonar cannot be run, then OCD will require seismic and subsidence monitor and will require additional financial assurance.

2) Cavern must be filled with brine water in advance of plugging and abandonment operations.

3) Cement must be pressure grouted from bottom to top or surface under adequate pressure. Class "C" Cement from CIBP Setting Depth to surface is required.

4) Install a plug and abandonment marker.

5) Final C-103 Form shall be submitted within 30 days of plug and abandonment with final construction details.

The above plug and abandonment work must be completed within 60 days of the date of this message. Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>index.htm (Pollution Prevention Guidance is under "Publications")

From: Chavez, Carl J, EMNRD Sent: Tuesday, February 19, 2008 8:36 AM To: 'Patterson, Bob' Cc: Price, Wayne, EMNRD; Gum, Tim, EMNRD

Subject: Key Energy Services, LLC. BW-19 C-103 PA Approval

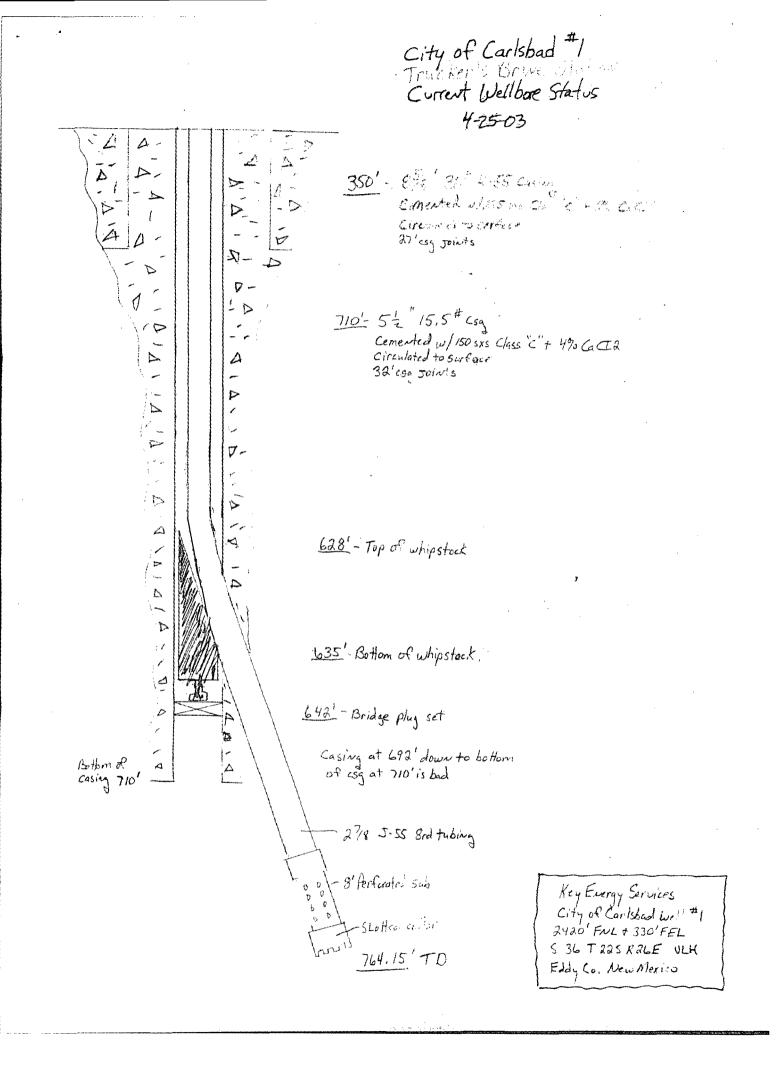
Bob:

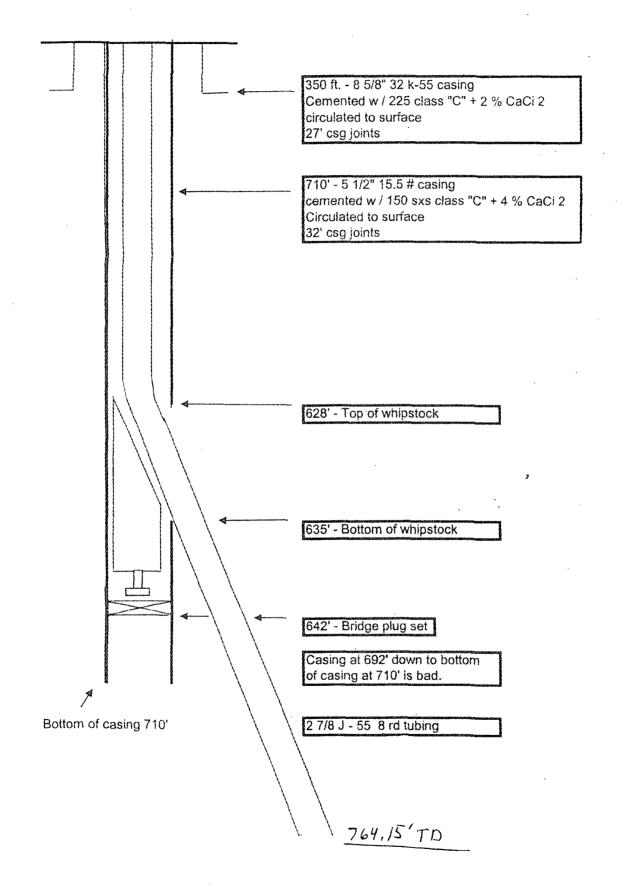
Please find attached OCD approval from Mr. Wayne Price (Environmental Bureau Chief) dated 2/19/2008 on Key Energy Services, LLC (Key) C-103 for Brine Well 19 (API# 30-015-21842). Please submit the final report within 30 days of completion of field work.

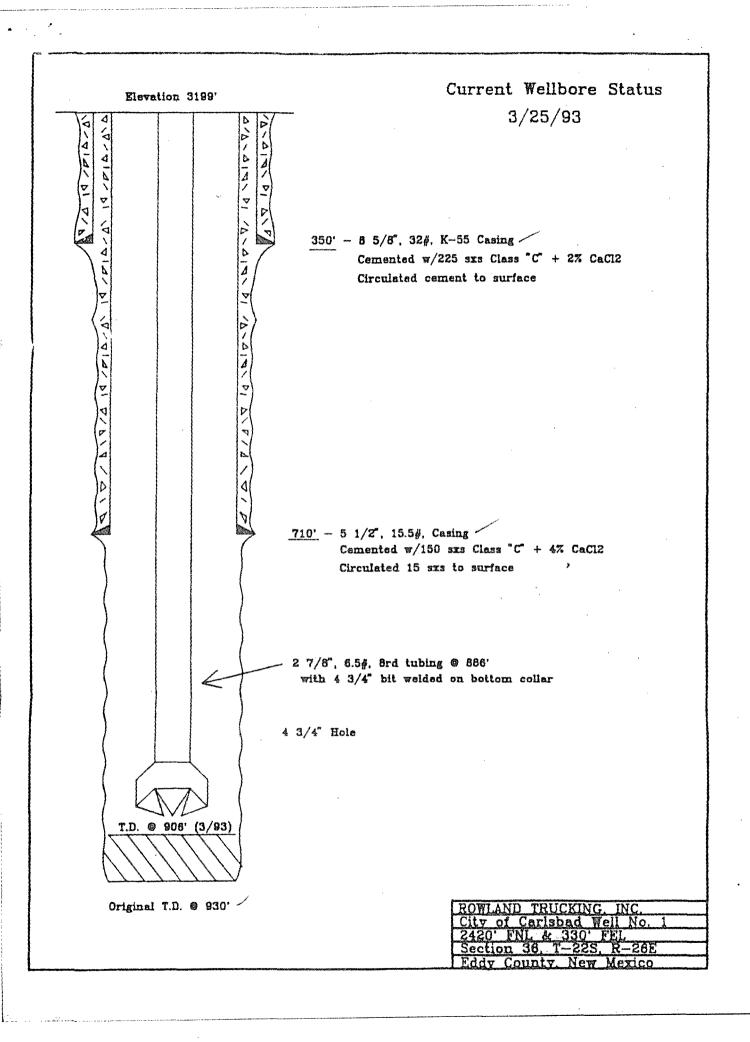
Also, Key will need to submit an APD to OCD Santa Fe with a copy to the OCD Artesia District Office for the new UIC Class III replacement brine well. We will need a bond in place for the new well. Perhaps a Rider to the existing \$50K bond with the new API# and well name, etc. would work. Key will need an API# for the new bond or bond rider. Thank you.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/index.htm</u> (Pollution Prevention Guidance is under "Publications")

Suomit 5 Copies 10 Appropriate District Office District I	State of New Mex Energy, Minerals and Natura	nl Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II	OU CONGERNATIONI	WELL AI 30-015-2	
1301 W. Grand Ave., Artesia, NM 88210 District III	OIL CONSERVATION I 1220 South St. Franc	vis Dr. 5. Indicat	e Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 875	51	ATE FEE
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87805		6. State C	m & Gas Lease No,
SUNDRY NOTI (DO NOT USE THIS FORM FOR PROPOS	CES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLUG CATION FOR PERMIT" (FORM C-101) FOR	BACK TO A	Name or Unit Agreement Name City of Carlshad
I. Type of Well: Oil Well	Gas Well 🗌 Other Brine	8. Well N	umber 1
2. Name of Operator		9. OGRII	Number
Kev Energy Services, LLC 3. Address of Operator			ool name or Wildcat
6 Desta Drive, Suite 4400, N	Aidland, Texas 79705		Mining Well
4. Well Location			
	from the North line and 330 feet fro.		
Section 36 Townshi		NMPM Lea County	CENTRALIZ ONTAINE MAI SUMMAANAMISTATIAANAMISTATIAANA AMAMDO MA
	11. Elevation (Show whether DR, F	RKB, RT, GR, etc.)	
Pit or Below-grade Tank Application 🗌 o	∦ <u>r Closure □</u> Not applicable		
	aterDistance from nearest fresh wa	iter well Distance from no	earest surface water
Pit Liner Thickness: mil		bbls; Construction M	1
12. Check A	Appropriate Box to Indicate Nat	ture of Notice, Report or	Other Data
		REMEDIAL WORK COMMENCE DRILLING OPN CASING/CEMENT JOB	
OTHER:		OTHER:	
	leted operations. (Clearly state all pe rk). SEE RULE 1103. For Multiple		
will drill a new brine w 930'. In early 2008, four sepa attempt pumped 59 bbl test of 300 psi bled back to be positioned outside	ag and abandon this well. The w ell nearby into the same salt sec trate attempts to squeeze a casin s of cement at an AIR of 0.8 bpr x to 200 psi in 5 minutes. A subs casing from 70-160 feet.	tion at a future date. The 1g leak between 95-105' w 1, AIP 1250 psi. After dri	salt section is from 710 to ere performen The last illing out cement a pressure
Proposed P&A procedu			Pa <
Set cement retainer at 6 Pump 100 sx of Class C	500' (whipstock top at 628')		ωm
	e cement plug from 100-600 feet	t, WOC. Tag top of cemei	-
	ing to surface. Repeat, if necess		
Cut off casing stubs, pla	ice P&A marker.		
	above is true and complete to the best closed according to NMOCD guidelines []		
SIGNATURE 7m Ouffe	,	nt for Key Energy	DATE 2-7-2008
Type or print name For State Use Only		ARTES'A DISTRI	
APPROVED BY:		wit BURGAN CHI	
		A solution of the second	







From:	Chavez.	Carl J.	EMNRD
110111.	Unavez,	Oan 0,	

Sent: Friday, October 10, 2008 11:26 AM

To: 'Shelton, Jack'; Price, Wayne, EMNRD

Cc: Philliber, Mark; Gum, Tim, EMNRD

Subject: RE: Key Energy Brine well PA

Mr. Shelton:

Re:

KEY ENERGY	KEY TRUCKERS	BW-19	30-015-	N 32 20'	(UL-H)	Eddy
SERVICES,	BRINE -		21842	56.71" W	36-22S-	
LLC.	CARLSBAD			104 14'	26E	
				12.93"		

The OCD is also awaiting a signed C-103 for BW-19 in Carlsbad. Both BW-9 and 19 were required to be plugged and abandoned by September 4, 2008. Please provide the OCD with the status of receipt of the C-103 for BW-19 too.

Thank you.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>index.htm (Pollution Prevention Guidance is under "Publications")

From: Shelton, Jack [mailto:jshelton@keyenergy.com] Sent: Monday, October 06, 2008 7:56 AM To: Chavez, Carl J, EMNRD; Price, Wayne, EMNRD Cc: Philliber, Mark; Hill, Larry, EMNRD Subject: RE: Key Energy Brine well PA

Mr. Chavez, I sent the signed copies Fed Ex on Friday to you, should be delivered today.

If I need to send to OCD in Hobbs I will but I talked to Buddy Hill with OCD and he told me to send them to you.

Thanks Jack

Jack Shelton | Key Energy Services | PA Manager | Po Box 1068 Andrews, Tx 79714 | O: 432.523.5155 | F: 432.523.6230 | C: 432.638.3756

-----Original Message-----**From:** Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us] Sent: Friday, October 03, 2008 5:13 PM
To: Price, Wayne, EMNRD
Cc: Shelton, Jack; Philliber, Mark; Hill, Larry, EMNRD
Subject: RE: Key Energy Brine well PA

Wayne:

The C-103 was not signed the Key Agent. The OCD needs a signed C-103. Thanks.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/index.htm</u> (Pollution Prevention Guidance is under "Publications")

From: Price, Wayne, EMNRD Sent: Thursday, October 02, 2008 9:51 AM To: Chavez, Carl J, EMNRD Subject: FW: Key Energy Brine well PA

From: Shelton, Jack [mailto:jshelton@keyenergy.com]
Sent: Tuesday, September 30, 2008 1:01 PM
To: Price, Wayne, EMNRD
Cc: Philliber, Mark
Subject: Key Energy Brine well PA

Hello Mr. Price, I have completed the C-103 and will mail hard copies to you for approval.

G.P. Sims Well # 2 Brine well 30-025-25525

Please confirm that I've sent this to the right office.

Thank you,

Jack Shelton | Key Energy Services | PA Manager | Po Box 1068 Andrews, Tx 79714 | O: 432.523.5155 | F: 432.523.6230 | C: 432.638.3756

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