Office Office	State of New Mexico	Form C-103			
District I	Energy, Minerals and Natural Resource	s May 27, 2004 WELL API NO.			
1625 N. French Dr , Hobbs, NM 88240 District II		30-025-27610			
1301 W Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease			
District III	<u>District III</u> 1220 South St. Francis Dr.				
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	STATE FEE X  6. State Oil & Gas Lease No.			
1220 S. St. Francis Dr , Santa Fe, NM 87505					
SUNDRY NOTI	CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name			
(DO NOT USE THIS FORM FOR PROPOS	Richardson Fee				
PROPOSALS.)	CATION FOR PERMIT" (FORM C-101) FOR SUCH				
	Gas Well  Other	8. Well Number #1			
2. Name of Operator	L AND GUSSMAN HEYCO, LLC	9. OGRID Number 258462			
3. Address of Operator PO BO	V 4026	10. Pool name or Wildcat			
- 1000.	X 1936 ELL NM 88202-1936	Wildcat Abo			
4. Well Location					
Unit Letter C:	660 feet from the NORTH line and	d 1980 feet from the WEST line			
Section 5	Township 14S Range 36E	NMPM County Lea			
	11. Elevation (Show whether DR, RKB, RT, GR	R, etc.)			
According to the Control of the Cont	3968' GR				
Pit or Below-grade Tank Application 🔲 o	r Closure 🗌				
Pit typeDepth to Groundwa	aterDistance from nearest fresh water well	Distance from nearest surface water			
Pit Liner Thickness: mil	Below-Grade Tank: Volumebbl	s; Construction Material			
12. Check A	Appropriate Box to Indicate Nature of No	tice. Report or Other Data			
12. Chock i		•			
NOTICE OF IN	§ .	SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	PLUG AND ABANDON X REMEDIAL	<del></del>			
TEMPORARILY ABANDON	=	E DRILLING OPNS. P AND A			
PULL OR ALTER CASING	MULTIPLE COMPL   CASING/CE	MENT JOB			
OTHER.	OTUED:				
OTHER:	OTHER:	ls, and give pertinent dates, including estimated date			
of starting any proposed we	ork) SEF RITE 1103 For Multiple Completion	is: Attach wellbore diagram of proposed completion			
or recompletion.	TK). SEE ROLE 1103. 1 of Multiple Completion	s. Attach wendore diagram of proposed completion			
or recompletion.	A STATE OF THE STA				
See Attached Procedures and Well Be	ore Schematics				
	JUN 2 n 20	ากล			
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	HILDO	Mon			
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THE OIL CONSERVATION DIVISION IN NOTIFIED 24 HOURS PRIOR TO THE	BEGINNING				
OF PLUGGING OPERTIONS	•				
T1 1					
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will Byconstructed or closed according to NMOCD guidelines , a general permit or an (attached) alternative OCD-approved plan.					
SIGNATURE any &	TITLE PRODUCTION	ANALYST DATE 6/19/08			
Type or print name	E-mail address: tlink@	heycoenergy.com Telephone No. 505.623.6601			
For State Use Only		Telephone 10, estimate			
11-1	TO THE PROPERTY OF THE CONTINUE WAY.	JUN 2 7 200			
APPROVED BY: MISSING THILE THE THE APPROVED BY: MARKET MARKET BATE					
Conditions of Approval (if any):					
•					

Richardson Fee 1 C-5-14S-36E Lea Co., NM P&A Procedure 19 June 08

## **Basic Data:**

13-3/8" @ 375' Circ. Cmt.
8-5/8" @ 4600' Circ. Cmt.
5-1/2" @ 13393', DV @ 12327', TOC 5500' Calc, Sqzd Csg Leaks 5096-5595'
5.5"/17ppf/N80/LTC Burst=7740 psi, 6192 psi at 80% Nom. ID=4.892" Drift ID=4.767"
2.375"/4.7ppf/J55/EUE Burst=7700 psi, 6160 psi at 80% Nom ID=1.995" Drift ID=1.901"
Collapse=8100 psi, 6480 at 80%
Tensile=71,730 lb with no safety factor

Objective: Plug well. Contact NMOCD Hobbs 575-393-6161 24 hrs. before starting plugging operations.

## **Procedure:**

- 1. POOH and lay down rods. Tie onto tubing or casing and circulate well full of 9 ppg BW plug mud containing 25 ppb salt gel (approx. 200 bbls). POOH with tubing.
- 2. RU packoff, run gauge ring to 10130' then dump 35' cement on top of CIBP at 10130' above Bough perfs. RIH and set CIBP + 35' cement at the following depths.

9700' to cover basal Abo/upper Wolfcamp perfs 9747-9804' 8270' to cover top of Abo 8266' 6130' to cover top of Glorieta 6128'

- 3. Weld lift sub onto 5-1/2', remove slips and run freepoint. Assuming casing is free down to 4650', cut and pull casing at 4650'.
- 4. RIH with tubing with perf/slotted sub and bull plug on end to 4700' and spot 45 sx. Class "C" to cover 50' below stub at 4650' to 50' above 9-5/8" casing shoe at 4600'. Pull 10 stands, WOC couple of hours and tag plug. If tag deeper than 4550', will respot plug.
- 5. Spot 40 sx. Class "C" with 2% CaCl2 at 2260' to cover the top of salt at 2206'. Pull 10 stands, WOC couple of hours and tag plug. If tag deeper than 2160', will respot plug.
- 6. Pull up to 425' and pump 125 sx. Class "C" with 2% CaCl2 to fill casing to surface from 50' below the surface casing shoe depth. Top casing off with cement after pulling tubing.
- 7. Cut off wellhead and install OCD spec dry hole marker. Haul all rods, tubulars and other tangible equipment to yard and clean up location.

Note: If casing freepoint is above the \$\frac{9}{2}\$-5/8" casing shoe at 4600', will set plugs as shown above but will adjust cement volumes if plug is inside 5-1/2" casing instead of 8-5/8" casing.

Cement Properties: 14.8 ppg, 1.32 cfps

Kbc/Richardson fee 1 plug

!	30-025-2	7610	Richardson Fee 1 660'FNL, 1980'FNL C-5-145-36E		- 7	Zevo!	15'AGL	
			C- 5-179-368		ł	1B; 3°	183'	
•		,	Lea, NM		G	JL: 39	168'	_
•			KE)					
	17/2"	1	KT -		,			
	5			Size	Wt	Gr	Conn	Set At
			1338" e 375" 4005x"C" (cun605x)	133/8"	48	H40	STC	375′
	]\\		100 5x"C" CC12605x)	8 5/8,1	32	J55	STC	15'
	\ \ <u>\</u>	. 1	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		24	J99	STC	2290'
두품품류류록	\ \		`)		28	J55	STC	3395' 4600'
84949555 84949555	<sub>11 ''</sub>	-;,	:[\ <u>\</u> };	T-11-11	32	J55	STC	2265'
#2555 #255 #255 #2555 #2555 #2555 #25 #2	H " ( )		-	51/2"	17	N80	BTC	10570'
55777 55777 657777			\		20	1185	410	13393'
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			85/3"04600' 14/005KHLC+2005K"C" (Coxe 1954			-		
Con Company Construction of Co			1400 x HLC +2010x"C" CCIR 103X	*)				
ational	Holis 5096	J.*						
		) , , , , , , , ,			• •			
E.	772" Hole 5266'	0	, (					
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			9797-7804 (64) Dasal HEO/V, WC	-				
C	OE101 531	/ \	5/10165-82' 5/10270-84' (18) Boych					
		1.1 F	10320-24 (11)					
	122+35'mt 10454"	l'	` }				(Before)	)
	121-432147 (2121	).	10484-99' (67) Borgh					
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		) id	DV 12327'					
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	CIBP 13330'	200	51/2°e 13373'			- • • • •	,,	
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	45/8"	27/2	Miss Lm OH	•				·
		13524						

	30-025-27610	Kichardson tee 1 660' FNL, 1980' FWL	700: 15' AGL			
	r .	C- 5-145-36e Lea, HM	7evo: 15' AGL KB: 3983'			
	11.772.	Jea, Mill	GL: 3968'			
sý s	3 , 1 , 4	512e 133/8" e 375' 133/8 140 5x"C" (cumbosa) 85/8	1 48 H40 STC 375'			
	1 425	700000000000000000000000000000000000000	24 JSS STC 2290'			
JARE	2160'		28 J55 5TC 3395' 32 J55 STC 4600'			
ASE 550 ASE 550 ASE 550 HIE 550	11" ( 4054. 1.	5 51/2"	17 1/80 BTC 2265'			
HEFTS, FILL ETS EYL-FE ETS EYE-FE FYCLED WI YOLED WI			20 NBO LTC 13393'			
200 200 200 200 200 200 200 200 200 200						
13 782 42 381 42-383 42-383 42-382 42-382 42-382 42-382	4550-4700'	8 5/8" 0 4600 1				
EST National Brand	4550	( C+\$01) 51/2" ± 4650'	Top 5-11 = 2206' S. Andres = 4543'			
Matlon.	Holis 5096 (0,1)	5 CN 4 PO 11 2 2 10 32	5.17ndrs = 4593' Gloriota = 6128'			
	17/2 ask C	or \	Abo = 8266'			
	Hole 5595 0 X	TOC 5500' cale (calipar)				
	CIBP+35'ant 6130')					
	(LIBP +39 ANT 6130	`. (				
	G16P+35'ant 8270'					
	13 211 3211	`)				
C	-13p+35'cmt 9700'	19747-52 (24) Basal Abo/V.WC				
C	167 10130'+35'cmt)	0 10165-82' 10320-84' (178) Borgh				
		(10520-24)	(A Start)			
(	C1420+35'm+ 10454"	II 10484-99' (67) Bosch	711 160			
			•			
		DV 12327'				
			15T: 4003x "H" (circ 255x)			
	CUSP 13330'	5/2°e 13393'	Z型: 8005×17H"			
	45/4"	Miss Lm all	X = GR/COL = 65' electine,			
	13524	HILLE Different	, · · · ·			