

# IDAHO OIL AND GAS CONSERVATION COMMISSION PLUGGING RECORD

Lease Name Smit Operator: Trendwo	th Lease		4+	1	0 F Bridge	Street Su	ite 200 P	O Box 560, Rock	oford MI 49341
Well Number:1	-10	<u> </u>	Addres	- 1	Jndefined F	ield - Upp	er/Hamilte	on/Webber/Willov	w Sands
			Section 10					<del></del>	
Location of Well:(Sec			suivey)					County:C	
Application to Drill this V	Vell was filled ir		s this Well ever product	ed				mpletion (initial produ	
the name of		Oil	or Gas?	- 1	Oil (bbls/day	")	•	//CF/day)	Water (bbis/day)
Trendwell West, Ir	1C.	7-1	Swab Test Only		None			Measured	Not Measured
Date Plugged:		101	al Depth		Oil /leble/des			lucing when Plugged	
6/16/14 & 6/17/14			4182'		Oil (bbls/day NA	)	,	/ICF/day)	Water (bbls/day)
							NA .	*T	NA
Name of each formation oil or gas. Indicate which open to well-bore at time	n formation	Eluid I	Content of each Forma	tion	`	orated in	•	Size, kind & depth Indicate zones squ	leeze cemented,
Upper Sand	s or plugging.		/ater - ~14 BPH - F			3 1.926 - 40	UlliauUll	giving amount cerr	ached diagram
Hamilton Sand			ater - ~6 BPH - Fres		<u> </u>	3 2,274 - 82	2 200 AB		acried diagram
Hamilton Sand		Ģ	as - Too small to me	asure		& 2,600 - 07			<del></del>
Webber Sand		Dr	y - No fluids					0	
Webber Sand		Ðr	y - No fluids			3 & 3.402 - : 1 & 3 R42 - :		*	
vvebber Sand			,	3,832 - 40 & 3,842 - 45					
				CASIN	IG RECORD				
						Give dep method of casing (	parting		
Size pipe 13 3/8"	Put in well	(ft.)	Pulled out (ft.)	_	in well (ft.)	ripped,		Packers a	nd shoes
8 5/8"	149.5'		None		49.5'				
5 1/2"	1,008'		None		008'				<u></u>
5 1/2	4,053'		None	4,0	)53'				
Was well filled with mud	-laden fluid, acc	cording	to regulations?		Indicate de	epest formati	on containir	ng fresh water	
Yes									
	NAMES AND	ADDE	ESSES OF ADJACEN	TIFAS	SE OPERATO	RS OR OWN	VERS OF T	HE SURFACE	
Nam				Addre	:SS			Direction from thi	s well
Karla Smith			PO Box 621 Pa	rma,	ldaho 8366	0			NY W
D. D.O.I.			165 4th Street C	\ttar [	Pock Oreg	on 07360			
Ben R. Osbourn		_	100 401 000000	TOCK, OTEG	- 1005		12		
In addition to other info	mation require	on thi	s form, if this well was p	olugge	d back for use	as a fresh w	ater well, gi	ve all pertinent details	s of plugging
operations to base of fr									
authorizing completion	of this well as a	water	well and agreeing to as	sume f	ull liability for	any subsequ	ent plugging	which might be requ	ired
Use reverse side for ad File this form in duplica		ldaho	Department of Lands, E	Boise, I	ldaho. Se	ee Attach	ned Diag	ıram	
CERTIFICA	TE: Lithe uni	dersiar	ned, state that I am th	ne '	Vice Presid	lent Engi	neerina	-	
of the <u>Trendwell</u>						_	_		thorized by soid
		أعاة فالمأ	connect uses assessed	al				), and that I am aut	•
company to make thi				u unde	er my superv	ision and d	irection an	o that the facts sta	ted herein are
true, correct and corr	iplete to the b	est of	my knowledge.		1:0	1/	1	endtit	
			<del></del>	Sion	ature	un ce	30,0		
				- Gran					

Field Name: Wildcat - AS PLUGGED - BASED ON TAGGING CEMENT PLUGS 6/16/14 AND 6/17/14 Well Name: Smith 1-10 - Trendwell West - IDL Permit Number LU600553 - API Number 11-027-20-003 **Conductor Casing:** Size 13 3/8" Weight 48 lb/ft Set Depth 149.5' **Surface Casing Bentonite Plug** Size: 8 5/8" 900' Weight: 24 lb/ft Grade: J-55 Class "G" Cement Plug Set Depth: 1,008' 1,120' **Perforations:** From: 1,900 To: 1,908 From: 1,926 To: 1,940 **Production Casing** Zone 5-Size: 5 1/2" From: 2,252 To: 2,256 CIBP 1,850 Weight: 15.5 lb/ft From: 2,274 To: 2,282 Grade: J-55 From: 2,300 To: 2,308 2.000 Set Depth: 4,053' Zone\_4-2,170 From: 2,584 To: 2,589 From: 2,600 To: 2,607 2,380' From: 2,612 To: 2,617 2.490 Zone\_3-From: 3,360 To: 3,368 **Tag Cement Top** From: 3,402 To: 3,412 after 4 hrs. WOC Zone 2-From: 3,832 To: 3,840 From: 3,842 To: 3,845 Zone 1-3,470 3,786 Tagged PBTD - 4,038'\_ 4,020

### General Plugging Procedure:

- 1. Make sure hole is full of 8.33 ppg fresh water
- 2. Set balanced cement and Bentonite plugs as outlined above
- 3. Wait 4 hours and tag all cement plugs below the CiBP
- 4. Set CIBP at ~ 1,850'
- 5. Continue plugging as outlined above
- 6. Cut off 5  $\frac{1}{2}$ " casing at least 4' below original ground level and weld  $\frac{1}{2}$ " steel plate across it with permit number on it
- 7. Restore location

#### **Observed BHST's:**

1. Zone 1 – 208 degrees F

2. Zone 2 - 193 degrees F

3. Zone 3 - 157 degrees F

4. Zone 4 - 145 degrees F

5. Zone 5 - 130 degrees F

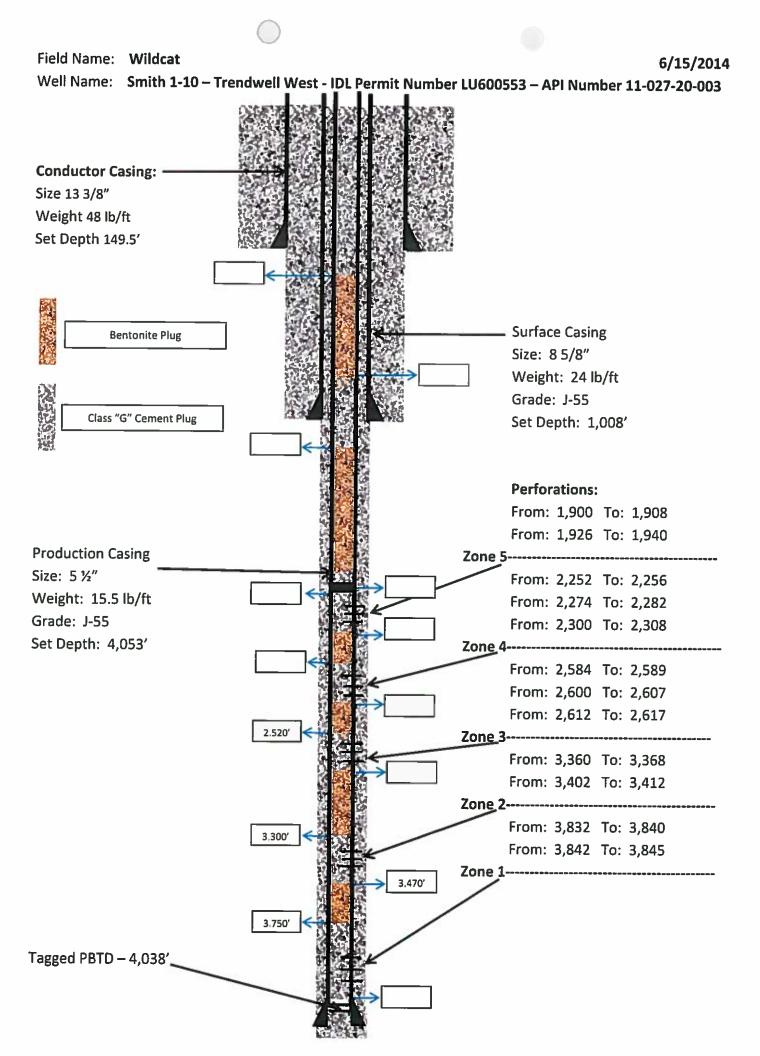
### All Cement Plugs are Class "G" Neat:

Mix at 15.8 ppg

Water is 5.0 gal/sk

Yield is 1.15 cuft/sk

Type Plug	Bottom	Тор	Length	Cubic Feet	Barrels	Sacks
			of Plug			(1.15 cuft/sk)
Cement	4,020	3,786	234	36.07	6.42	31
Bentonite	3,786	3,470	316	37.41	6.66	
Cement	3,470	3,257	213	22.71	4.05	20
Bentonite	3,257	2,680	-577	82.83	14.75	
Cement	2,680	2,490	190	21.38	3.81	19
Bentonite	2,490	2,380	110	18.70	3.33	
Cement	2,380	2,170	210	24.05	4.28	21
Bentonite	2,170	2,000	170	26.72	4.76	
Cement	2,000	1,850	150	20.04	3.57	17
Bentonite	1,850	1,120	730	97.53	17.37	
Cement	1,120	900	220	29.39	5.23	26
Bentonite	900	250	650	86.84	15.47	
Cement	250	0	250	33.40	5.95	29
Total Cement Sacks						163
Total Bentonite Barrels	REIT	ran en a	10-11-1		62.34	
Sum of length of plugs		15, 13	4,020	113	No. of the	



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- 3. Wait 4 hours and tag all cement plugs below the CIBP
- 4. Set CIBP at ~ 1,850'
- 5. Continue plugging as outlined above
- 6. Cut off 5 ½" casing at least 4' below original ground level and weld ½" steel plate across it with permit number on it
- 7. Restore location

#### Observed BHST's:

- 1. Zone 1 208 degrees F
- 2. Zone 2 193 degrees F
- 3. Zone 3 157 degrees F
- 4. Zone 4 145 degrees F
- 5. Zone 5 130 degrees F

Type Plug	Bottom	Тор	Length	Cubic Feet	Barrels	Sanka
		106	of Plug	reet	Darreis	Sacks (1.15 cuft/sk)
Cement	4,020	3,750	270	36.07	6.42	
Bentonite	3,750	3,470	280	37.41	_	31
Cement	3,470	3,300	170	22.71	6.66	20
Bentonite	3,300	2,680	620	82.83	4.05	20
Cement	2,680	2,520			14.75	
Bentonite	2,520		160	21.38	3.81	19
Cement		2,380	140	18.70	3.33	
Bentonite	2,380	2,200	180	24.05	4.28	21
	2,200	2,000	200	26.72	4.76	
Cement	2,000	1,850	150	20.04	3.57	17
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Cement	1,120	900	220	29.39	5.23	26
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