

DATE IN 11/26/12	SUSPENSE	ENGINEER WVS	LOGGED IN	TYPE IPI	APP NO. PWVS 1234875529
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☒ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or;
 [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Fatima Vasquez

Print or Type Name

Signature

Regulatory Tech I

Title

10/05/12

Date

Fatima.Vasquez@apachecorp.com

e-mail Address

OGRID 873 APACHE CORP
 API # 30-025-07767
 Well Located Blankenship #2
 L-12-20S-38E

Core 14803
 R-13176-A
 4/23/12 (WFX)
 5946-7028
 1198 PSI

Paddock, Blunk, TWBB, Druehl



10/05/2012

Mr. E.L. Gonzales
Oil Conservation Division
1625 N. French Dr.
Hobbs, NM 88240

RE: Blankenship #2W

Mr. E.L. Gonzales,

Based on the Order No. R-13176-A (Case No. 14803) issued on April 23, 2012, the maximum surface injection pressure is 1198 psi. Apache Corporation respectfully requests to increase the injection pressure on the Blankenship #2W. Step rate tests have been performed and the results are summarized below. More detailed information in regards to the test and wellbore are enclosed.

Well	API	Fracture Pressure	Requested Inj Pressure Limit	SRT Date
Blankenship #002W	30-025-07767	2.5 bpm at 2000 psi	1850 1719	09/27/12

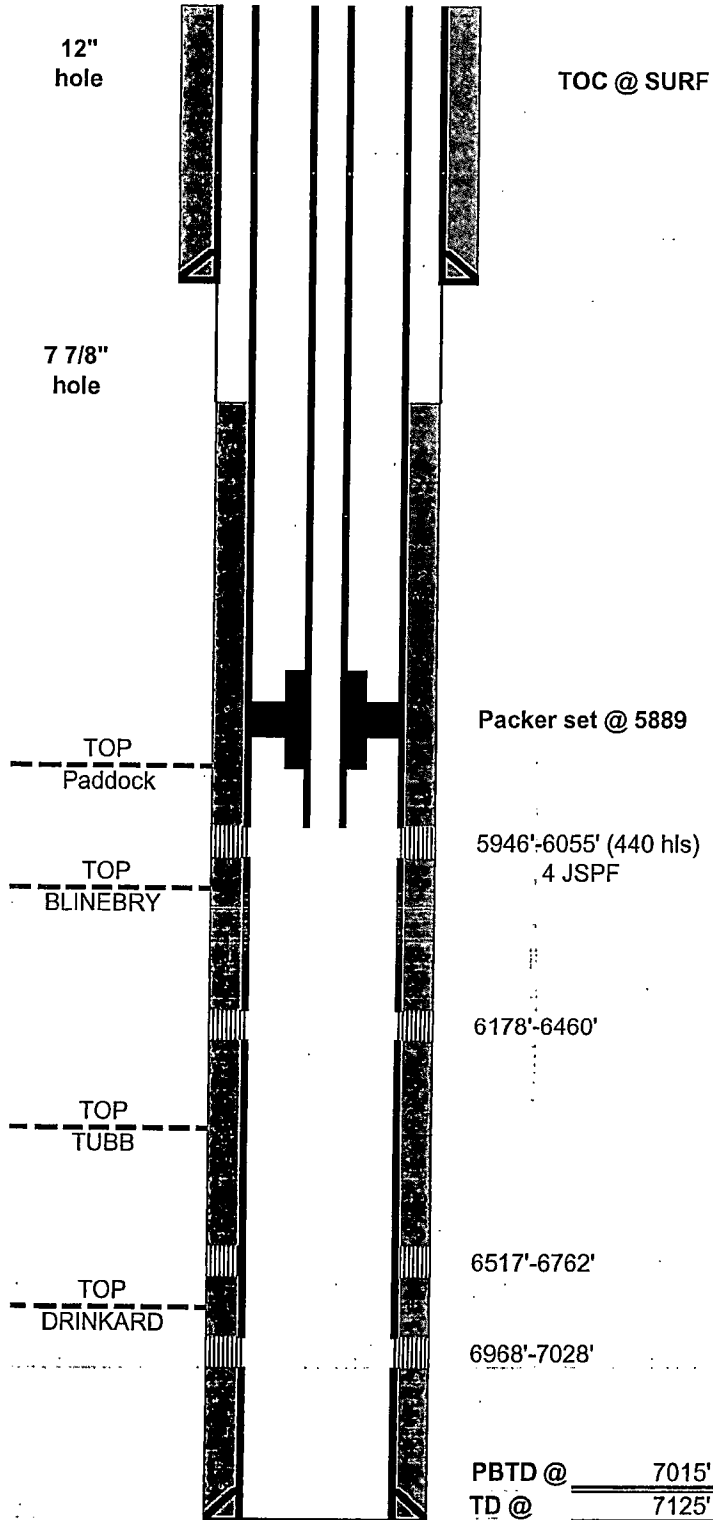
Please feel free to contact the engineer, Ryan Taylor, at (432) 818-1156 or myself should you have any questions or need any other information. Thank you for your time and consideration.

Regards,

Fatima Vasquez
Regulatory Tech I
Apache Corporation
Fatima.Vasquez@apachecorp.com
(432) 818-1015

Apache Corporation		
Well Name	BLANKENSHIP	Well No. #2W
Field	House	
County	Lea	
State	New Mexico	
API #	30-025-07767	

Casing	O.D.	Grade	Wt	Depth	TOC/SX
Surf	8 5/8"	32#	J55	1,527	SURF/698
Inter					
Prod	5 1/2"	17#	J55	7,125	3160'/625
Tbg	2 7/8"			6138'	





Treatment Report

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Customer:	APACHE	Ticket #	61090
Well Name & No.	BLANKENSHIP #2W	Formation:	0.00
County:	EDDY	Date:	September 27, 2012
State:	NM	Well type:	Oil / Old / Stim.

Customer Information	
Address:	0.00
City, State:	0.00
Zip Code:	0
Customer Representative:	CRAIG MAXWELL



Remarks

Arrive on Location:	6:00 AM
Depart Location:	4:00 PM
Total Hours:	10.00

	Depth	O.D.	Weight	I.D.	Volume	Bbls/linear ft.
Tubing 1 length ft.	N/A		0	0.000	0.00 BBLs.	0.00000
Tubing 2 length ft.					0.00 BBLs.	0.00000
Casing 1 length ft.	N/A	5 1/2	0.00	0.000	##### BBLs.	0.00000
Casing 2 length ft.					0.00 BBLs.	0.00000
Open Hole length ft.		N/A	N/A		0.00 BBLs.	0.00000
Combined Depth ft.	#VALUE!				BBLs.	0.00000

Annular Vol.

Top Perf/Open Hole	N/A	#VALUE!	Maximum Pressure:	2636	ISIP:	1972
Bottom Perf/Open Hole	N/A	#VALUE!	Average Pressure:	1291	5 min:	1890
Number of Perfs:	N/A		Maximum Rate:	4.5	10 min:	1854
Perf Size	0.31	in.	Average Rate:	3.0	15 min:	1825
Packer Depth	N/A	ft.	Fluid to Recover:	627.3	Proppant Total:	

Time	STP	Casing	Rate	Stage	Total	Comments
6:00:41 AM	0					SAFETY MEETING
8:06:52 AM	895	881.0	0.5		0.4	STEP RATE 0.5 BPM
8:11:53 AM	957	873.0	0.5		4.0	5 MIN.
8:16:08 AM	968	871.0	0.5		5.1	10 MIN.
8:21:21 AM	981	866.0	0.5		7.7	15 MIN.
8:26:14 AM	991	862.0	0.5		10.3	20 MIN.
8:31:17 AM	995	858.0	0.5		12.9	25 MIN.
8:36:44 AM	994	857.0	0.5		15.7	30 MIN.
12:02:03 PM	427	824.0	1.0		33.8	FIX LEAK START 1 BPM
12:07:30 PM	633	817.0	1.0		40.7	5 MIN.
12:12:25 PM	704	809.0	1.0		44.5	10 MIN.
12:17:08 PM	777	799.0	1.0		49.0	15 MIN.
12:27:06 PM	898	786.0	1.0		59.1	20 MIN.
12:33:03 PM	954	781.0	1.0		64.0	25 MIN.
12:37:07 PM	991	777.0	1.0		69.0	30 MIN.
12:37:46 PM	1057	778.0	1.5		70.0	1.5 BPM
12:42:17 PM	1172	777.0	1.5		76.7	5 MIN.
12:47:12 PM	1239	775.0	1.5		84.2	10 MIN.
12:52:09 PM	1296	772.0	1.5		91.5	15 MIN.
12:57:15 PM	1355	771.0	1.5		99.1	20 MIN.
1:02:22 PM	1374	770.0	1.5		108.6	25 MIN.
1:07:17 PM	1423	769.0	1.5		113.8	30 MIN.
1:08:15 PM	1527	771.0	2.0		115.5	2 BPM
1:13:14 PM	1605	772.0	2.0		125.6	5 MIN.
1:18:27 PM	1640	777.0	2.0		135.9	10 MIN.
1:23:11 PM	1679	778.0	2.0		145.5	15 MIN.
1:28:12 PM	1712	779.0	2.0		155.6	20 MIN.
1:33:10 PM	1749	780.0	2.0		165.5	25 MIN.
1:38:23 PM	1769	782.0	2.0		176.0	30 MIN.
1:38:52 PM	1850	784.0	2.5		177.2	2.5 BPM
1:43:20 PM	1880	787.0	2.5		188.2	5 MIN.

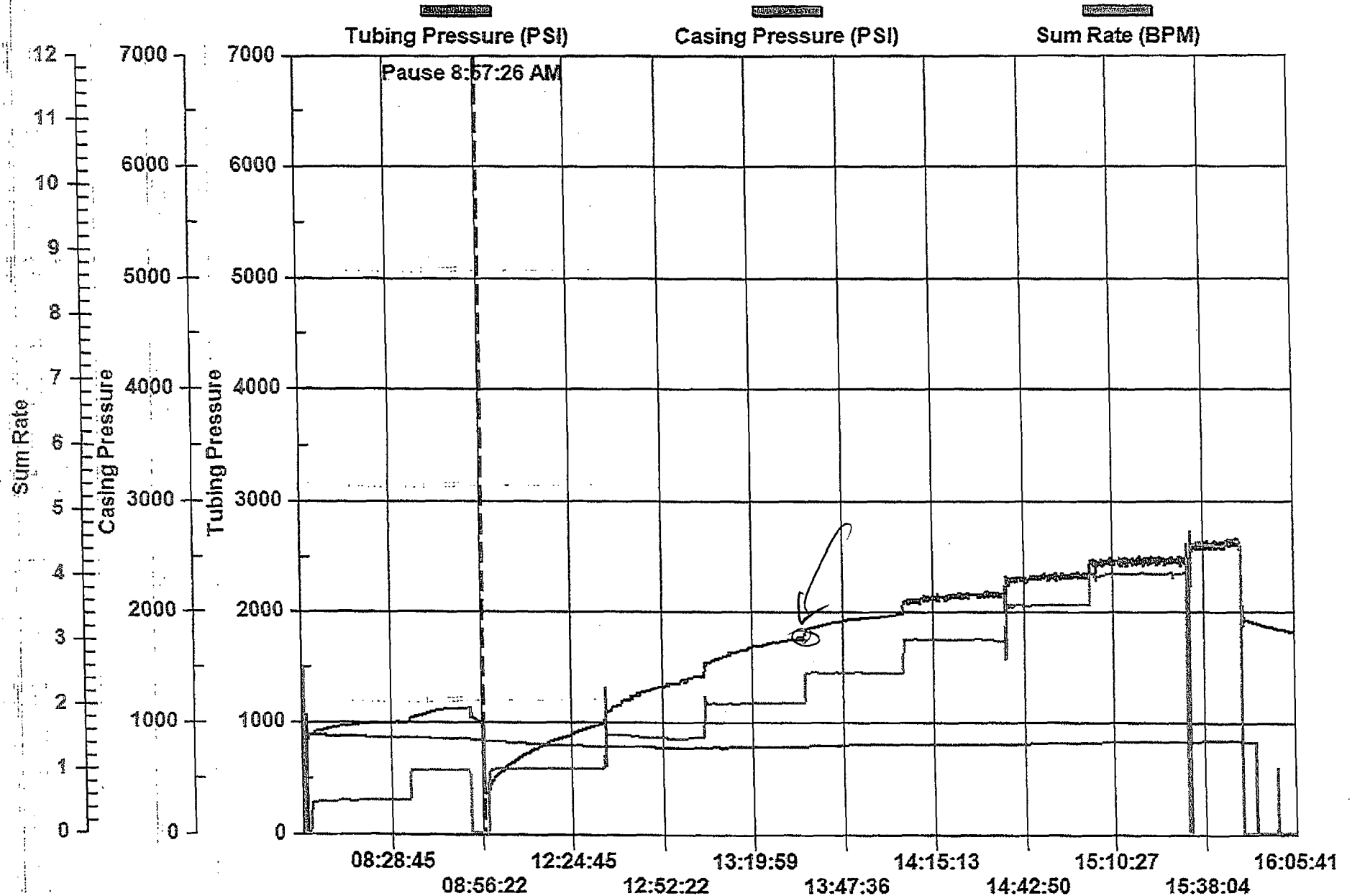
0.29

1769
50
1719
5545

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APACHE-BLANKENSHIP-2W—9-27-12



Blankenship #2W Step Rate Test

