

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1 Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

2 Name of Operator **Judah Oil, LLC**

3a Address
P.O. Box 568, Artesia, NM 88211-0568

3b Phone No (include area code)
575-746-1280

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
990 FNL 660 FEL NENE (A) Sec 29 T17S R31E

5. Lease Serial No **NM125973 ROW #**

NM-125973 LC029395B

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

8 Well Name and No.
Jamoca Federal #1 SWD

9 API Well No.
30-015-32265

10. Field and Pool, or Exploratory Area
Cedar Lake Morrow, North

11 County or Parish, State
Eddy County, NM

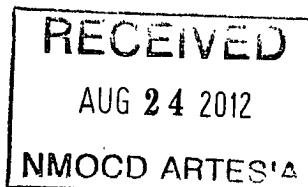
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Step Rate Test
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Judah Oil respectfully requests an injection pressure increase to 2900 psi. Attached are the results of the Step Rate Test which was ran on September 26, 2011. A copy of this test has been sent to the New Mexico Oil Conservation Division in Santa Fe, New Mexico.

8/29/12 *ADade*
Accepted for record
NMOC



accept for record
subject to NMOCD approval
07/26/2012 PPR

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

James B. Campanella

Title Member/Manager

Signature

Date

03/22/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

ACCEPTED FOR RECORD

AUG 22 2012

/s/ JD Whitlock Jr

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

JUDAH OIL

Review of Step-Rate Test Dated Sept 26, 2011

Jamoca Federal SWD Well No. 1

API # 30-015-32265

A-29-T17S-R31E

Date : October 2011

DISCLAIMER - THIS REVIEW IS BASED ON THE INFORMATION COLLECTED ON LOCATION BY VAN WELCH, PE, OF V&C PROPERTIES, LLC (V&C) DURING A STEP-RATE-TEST ON THE JAMOCA FEDERAL SWD WELL NO. 1. THE INFORMATION COLLECTED WAS FROM RISING STAR SERVICES (SURFACE RATES AND PRESSURES) AND KELTIC SERVICES (BHP DATA). ALL DATA WAS ACCEPTED AS TRUE AND VALID. V&C DOES NOT GUARANTEE THE RESULTS OF ANY ACTIONS TAKEN BASED ON THIS REVIEW NOR DOES V&C ACCEPT ANY RESPONSIBILITY FOR ANY DECISIONS OR ACTIONS TAKEN BY JUDAH OIL, ANY PARTNERS TO JUDAH OIL, ANY ASSOCIATES OF JUDAH OIL AND/OR OTHER THIRD PARTIES OR AGENCIES (PRIVATE OR GOVERNMENTAL) WITH WHOM JUDAH OIL MAY SHARE THIS REVIEW.

Prepared by:

Van S. Welch II, PE # 66291 State of Texas

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Technical Review

Preface

This is a review prepared by **V&C Properties, LLC.** (V&C) of Duncan, Oklahoma. Mr. Van Welch, **Professional Engineer (No. 66291 State of Texas)** has performed the "Technical Review" of the Step-Rate-Test (SRT) conducted on the Jamoca Federal SWD Well No. 1, Eddy Co. New Mexico on September 26, 2011. Mr. Welch was physically present to collect all necessary data and assure that the Step-Rate-Test was properly performed in accordance with industry standards. The SRT program and pressure data collection met industry standards.

Disclaimer - V&C does not accept any responsibility for any decisions or actions taken by Judah Oil (its Partners, any associates of Judah Oil, third-parties or governmental agencies) relative to this "Technical Review". Due to the many uncertainties relative to individual wells and reservoirs, V&C cannot make any guarantees as to the best practices for future reservoir performance on the Jamoca Federal SWD Well No. 1 as presented in this document.

Summary Result

As discussed in the review, the surface and bottom-hole pressure (BHP) data establish that the well has not fractured up to a surface pressure of 2970 psi or 6053 psi bottom-hole.

Discussion

Mr., Welch collected surface and BHP data from a SRT conducted on September 26, 2011. The OCD in Artesia NM was contacted as to when the SRT was to be conducted but the OCD was not able to physically witness the test. The SRT program was emailed to both OCD offices in Santa Fe (Mr. Warnell) and Artesia (Mr. Dade). The surface data set on the SRT are included as **Appendix I**, a copy of Rising Star Services, surface pressure and rates report, and **Appendix II**, is copy of Keltic Services BHP report which only reported BHP on 1 to 5 minute intervals. (Note: Keltic accidentally used the facility name in its report and not the well name).

The procedures used in the SRT were as follows:

1. Run Bottom-Hole Gauge to 9250 ft Mid-Point Perfs
2. Load Annulus
3. Start Rate 1 BPM constant for 30 Minutes and Record Pressures
4. Increase Rate to 2 BPM for 30 Minutes and Record Pressures
5. Increase Rate to 3 BPM for 30 Minutes and Record Pressures
6. Increase Rate to 4 BPM for 30 Minutes and Record Pressures
7. Increase Rate to 5 BPM for 30 Minutes and Record Pressures
8. 20 Hour Shut-in Bottom-Hole Pressure Fall-Off-Test (FOT)
9. At SI Record Surface ISIP, 5, 10 and 15-Minute SIP's

Figure 1 illustrates the wellbore at the time of the SRT.

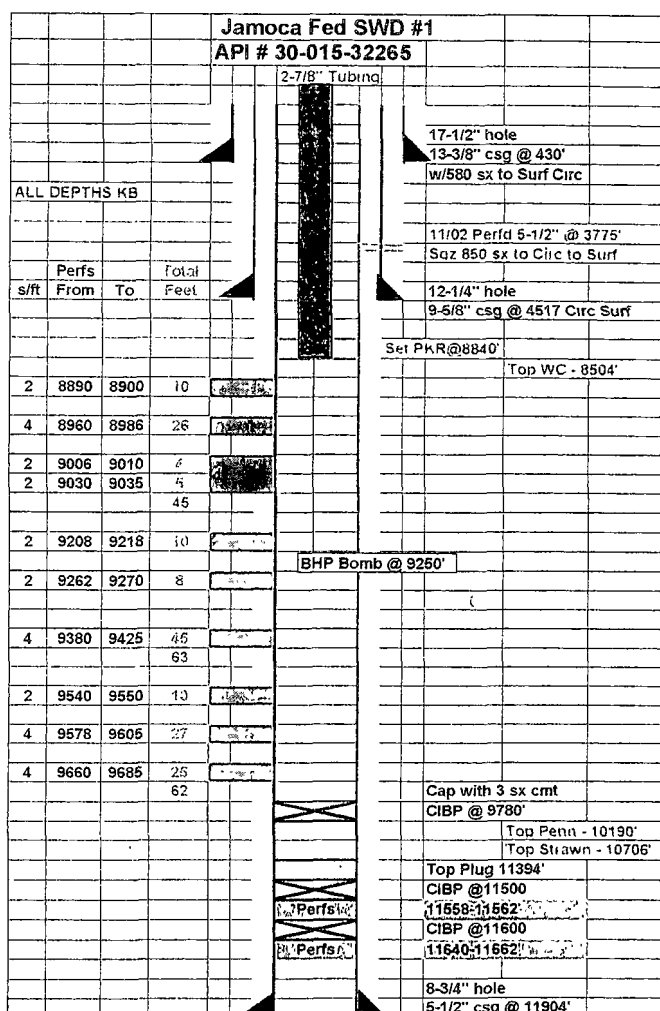


Figure 1 Wellbore Diagram

This review included graphing the data collected by Mr. Welch in a standard SRT format of plotting the surface and BHP at the end of each 30 minute (approx) injection period as a function of injection rate. Data used for these plots are shown in Table 1.

Table 1: SRT Pressure Data

JAMOCA FED SWD # 1			
Ending Time	Rate BPM	Surf PSI	BHP PSI
10:12	0	80	4435
10:44	1	520	4673
11:14	2	1030	4964
11:44	3	1630	5303
12:14	4	2210	5631
12:43	5	2970	6053

The surface and bottom-hole graphs of this data are shown in Figure 2, surface pressure, and Figure 3, bottom-hole pressure. Please note that the tabulated surface pressure data on the first page of Rising Star's report are *starting pressures* at the beginning of each injection period and are *not ending pressures* as collected by Mr. Welch. Also the last pressure of the 5 BPM period is 2790 psi (as shown on their chart) and not the 1540 psi shown on their table.

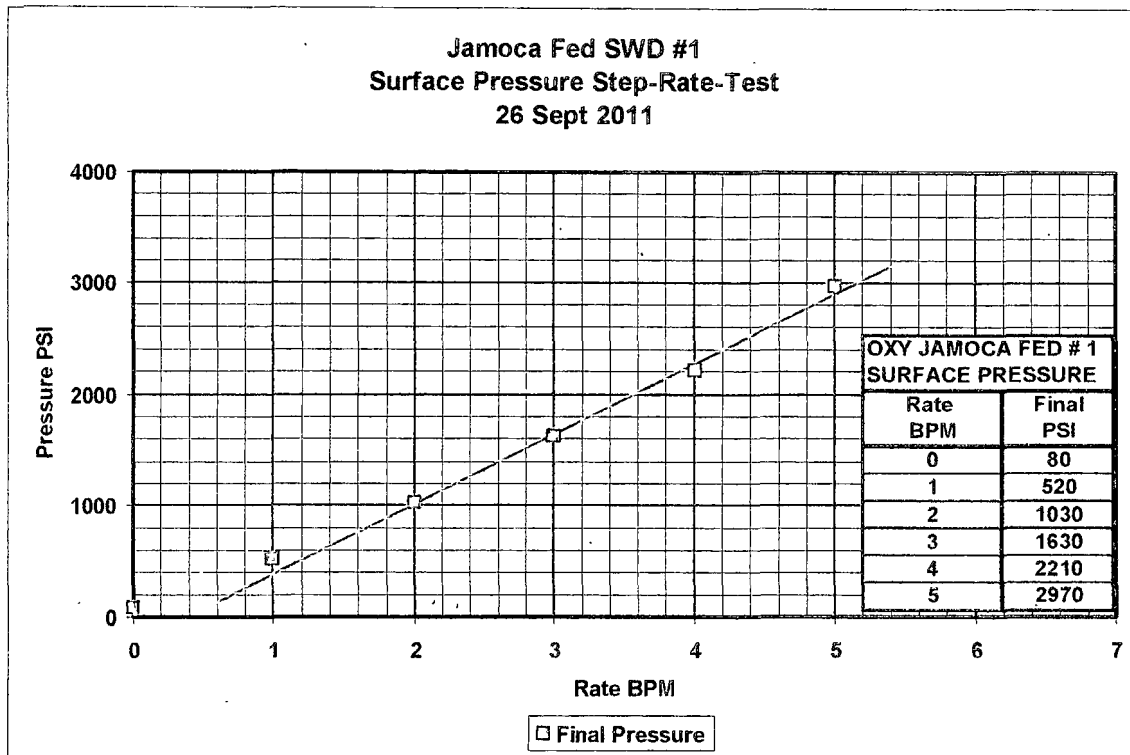


Figure 2: Surface Pressure SRT

Mr. Welch received the complete BHP data file from Keltic which had pressures on 15 second readings. The report attached from Keltic only has limited data attached and ranges from 1 minute to 5 minute readings. Therefore, there are some minor discrepancies between the data Mr. Welch graphed and the data attached to this report. Also, for reasons not known, Mr. Welch found a 14 psi difference from the detailed computer file and the written report. However this difference is not significant to this review and it doesn't impact any limiting surface pressure that may be allowed for this well.

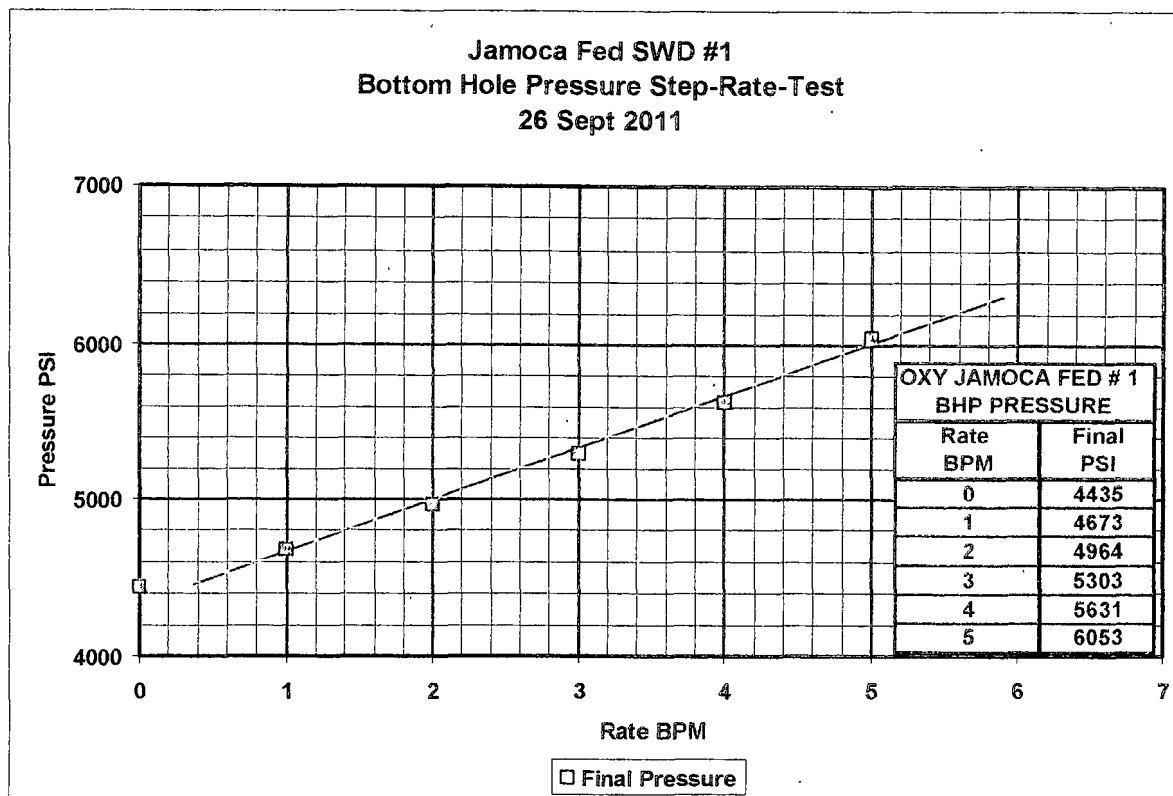


Figure 3: Bottom-Hole Pressure SRT

Both pressure graphs are representative of a typical SRT illustrating a continued increased pressure with each rate increase. Neither graph illustrates the characteristic break associated with fracturing the reservoir in which the pressure increase is significantly reduced with each incremental increase in rate. Please note that the final FOT pressure after 20 hrs from the detailed computer file was the same (4435 psi) as the initial BHP prior to the SRT, showing complete fall-off. Although the analysis is not included here, analysis of the FOT shows no fracturing and reaching radial flow.

Van S. Welch II

Van S. Welch II, PE
V&C Properties, LLC.
President
Professional Engineer State of Texas (PE No. 66291)

Seal

Appendix :1 Rising Star Surface Rate and Pressure Report



	Date	Time
Truck Called:	26-Sep-11	5:00AM
Arrived at job:	26-Sep-11	7:00AM
Start Job:	26-Sep-11	8:45AM
Finish Job:	26-Sep-11	12:58PM
Leave Location:	26-Sep-11	1:30PM

Job Log

		Customer Name		Judah Oil Company		Ticket Number.		H2011-1042			
P O BOX 61193		Lease Name		Oxy Jamaica Fert							
MIDLAND, TEXAS 79711		Well #.		1		Supervisor:		Noel Jimenez			
OFFICE # 432-617-0114		Type of Job		Step Rate		County		Eddy			
FAX #432-339-0140		Date		9/26/2011		CUSTOMER REPRESENTATIVE:		Blaise Campanella			
Tubing Size:		N/A		Casing size:		N/A		Packer		N/A	
Tubing weight:		N/A		Casing weight:		N/A		Top Perf		N/A	
Tubing bbl/linft		N/A		Total Depth:		N/A		Bottom Perf		N/A	
Retainer depth:		N/A		Total Pipe:		N/A		Annular Volume		N/A	
Packer depth:		N/A		Open Hole:		N/A		BHST		N/A	
End of tubing:		N/A		Shoe Joint:		N/A		BHCT		N/A	
Perfs.		N/A		Displacement:		N/A bbls		Average Pressure:		N/A Lbs	
Holes in casing:		N/A		Pre-Flush		N/A bbls		Average rate:		Bpm	
Max Pressure:		N/A Lbs.		Max Rate:		N/A Bpm		Total Load to Recover:			
Min Pressure:		N/A Lbs.		Min. Rate:		N/A Bpm		450.00		:Bbls	

Acid Systems					
Acid System:	N/A		Gallons	N/A	
Diverter:	N/A		Balls	N/A	Coarse Rock Salt N/A
Injection Rate.			Job Pressures		Job Log Remarks:
Time	Rate:	Bbls in	Tbg psi	ICsg psi	
7:00AM					ARRIVE ON LOCATION
7:05AM					SPOT EQUIPMENT & RIG UP
8:20AM					SAFETY MEETING & JSA
8:45AM	2.5				START ON WATER TO LOAD THE BACKSIDE TO 1000 PSI
8:48AM	1	11	20		LOADED UP WITH 11BBLs.
8:50AM		11.5	1120		SHUT DOWN
10:09AM			5300		TEST LINES
10:12AM	1		200	860	START ON WATER HOLD RATE AT 1.0 BPM
10:14AM			300	840	SHUT DOWN WELL HEAD IS LINKING
10:18AM	1		280	820	START ON WATER HOLD RATE AT 1.0 BPM
10:44AM	2	30	720	580	WALK UP RATE TO 2.0 BPM
11:14AM	3	90	1340	400	WALK UP RATE TO 3.0 BPM
11:44AM	4	180	1920	340	WALK UP RATE TO 4.0 BPM
12:14PM	5	300	2640	320	WALK UP RATE TO 5.0 BPM
12:43PM		450	1940	220	SHUT DOWN
12:43PM			1750		ISIP
12:48PM			1150		5 MIN.
12:53PM			880		10 MIN.
12:58PM			720		15 MIN.
Initial Press Error Should Be 2970 psi Chart is Correct					
SERVICE REPRESENTATIVE		Signature Please		CUSTOMER REPRESENTATIVE: Signature Please	
Noel Jimenez				X	

File Name	20110926-1.CSV	Memo	Sep.26 11
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0 00	Total A+B	1000 00	Brls
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0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	Time
											09 42 44
											09 40 14
											09 37 44
											09 35 14
											09 32 44
											09 30 14
											09 27 44
											09 25 14
											09 22 44
											09 20 14
											09 17 44
											09 15 14
											09 12 44
											09 10 14
											09 07 44
											09 05 14
											09 02 44
											09 00 14
											08 57 44
											08 55 14
											08 52 44
											08 50 14
											08 47 44
											08 45 14
											08 42 44

#LOAD THE BACKSIDE TO 1120 PSI

File Name	20110926-1 CSV	Memo	Sep 26 11
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0 00	Total A+B	1000 00	Brls
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0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	Time
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											10:12:44
											10:10:14
											10:07:44
											10:05:14
											10:02:44
											10:00:14
											09:57:44
											09:55:14
											09:52:44
											09:50:14
											09:47:44
											09:45:14
											09:42:44

#TEST LINES 5300 PSI

2207 Fairway Dr, Duncan OK, 73533 Cell 281.635.1718 Fax 509.562.9684

File Name	20110926-1 CSV	Memo	Sep 26 11
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0.00	Total A+B	1000.00	Brls
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											10 35 14
											10 32 44
											10 30 14
											10 27 44
											10 25 14
											10 22 44
											10 20 14
											10 17 44
											10 15 14
											10 12 44
											10 10 14
											10 07 44
											10 05 14
											10 02 44
											10 00 14
											09 57 44

TEST LINES 5300 PSI

File Name	CURRENT CSV	Memo	Sep 26.11
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0 00	Total A+B	1000 00	Brls
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											11 56 21
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											11 41 21
											11 38 51
											11 36 21
											11 33 51
											11 31 21
											11 28 51
											11 26 21
											11 23 51
											11 21 21
											11 18 51
											11 16 21
											11 13 51
											11 11 21
											11 08 51
											11 06 21
											11 03 51
											11 01 21

2207 Fairway Dr, Duncan OK, 73533 Cell 281 635.1718 Fax 509 562 9684

File Name	CURRENT.CSV	Memo	Sep 26.11
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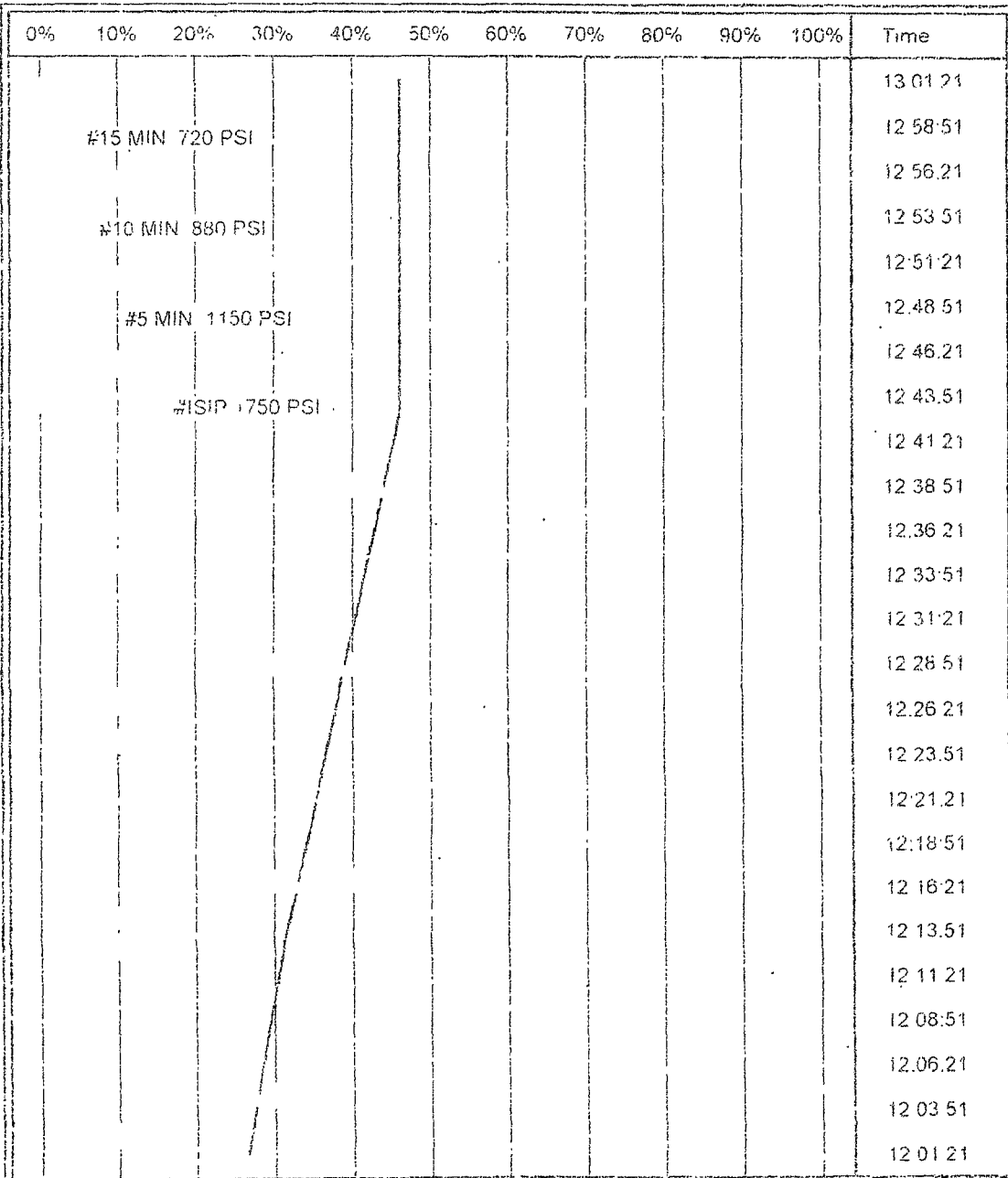
0.00	Total A+B	1000.00	Brls
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											11:56:21
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											11:08:51
											11:06:21
											11:03:51
											11:01:21

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File Name	CURRENT CSV	Memo	Sep.26.11
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0.00	Total A+B	1000.00	Brls
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Appendix :2 Keltic Services Bottom-Hole Pressure Report**Pressure Test Report****COMPANY INFORMATION**

Company Name JUDA OIL
Representative BLAZE CAMPANELLA
Phone
Fax
Address

E-Mail Address
Service Company KELTIC SERVICES

WELL INFORMATION

Well Name CEDAR LAKE SWD STATION
Well Location JAMOCA FED SWD #1
Field and Pool
Status (Oil, Gas, Water, Injection) INJECTION
Perforated Intervals
Mid-point of Perforated Intervals (MPP)
Drilling Rig Number
Elevations
Kelly Bushing (KB)
Casing Flange (CF)
KB-CF
Ground Level
Plug Back Total Depth
Total Depth
Production Casing
Production Tubing

TEST INFORMATION

Type of Test STEP RATE TEST
Date(s) of Test 09-26-2011
Dead-weight Gauge Tubing Pressure
Dead-weight Gauge Casing Pressure
Shut-in Date (Duration)
Date / Time on Bottom 10:00 AM 9-26-2011
Date / Time off Bottom 0830 AM 09-27-2011

Probe Serial Number
Probe Offset from: End of Tool String
Run Depth at Probe Pressure Port 9250 FT

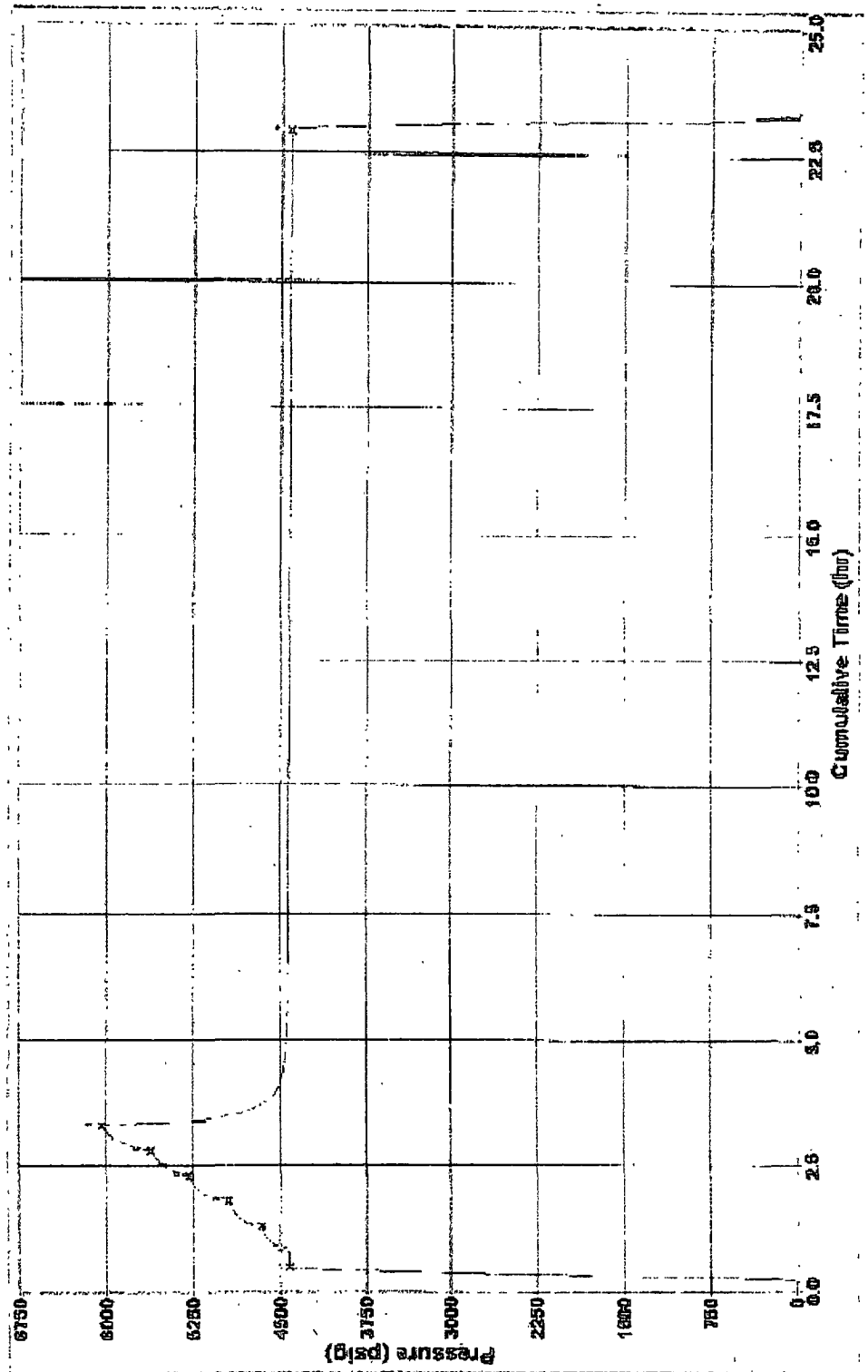
PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure 6039.7 psig
Maximum Recorded Probe Temperature 123.3 deg F
Final Buildup Pressure
Gradient Survey Information
Extrapolated Pressure to MPP
Final Gradient at Depth
Job Number

Company Name
JUDA OIL
Well Name
CEDAR LAKE SWD STATION
Type of Test
STEP RATE TEST
Date(s) of Test
03-25-2011



CEDAR LAKE SWD STATION



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Company Name JODA CIL
Well Name CEDAR LAKE SAND STATION
Type of Test STEP RATE TEST
Date(s) of Test 09-28-2011

Date	Time	Cum. Time BH-1	QH Pres 1 psi	BH Temp 1 deg F
2011/09/28	09:30:00	0.0000	0.000	86.263
2011/09/28	09:30:00	0.0819	0.000	86.389
2011/09/28	09:30:00	0.1486	0.000	87.561
2011/09/28	09:44:00	0.2319	240.488	72.253
2011/09/28	09:48:30	0.3069	1882.775	86.887
2011/09/28	09:52:30	0.3736	3348.290	105.046
2011/09/28	09:57:00	0.4486	4417.760	123.037
Initial Flow				
2011/09/28	09:58:00	0.4693	4419.379	123.030
2011/09/28	10:02:00	0.5318	4421.046	123.055
2011/09/28	10:08:30	0.6069	4421.221	123.058
2011/09/28	10:10:30	0.6736	4421.274	123.088
2011/09/28	10:15:30	0.7589	4421.240	123.082
2011/09/28	10:20:00	0.8318	4488.329	123.088
2011/09/28	10:24:30	0.9069	4528.482	122.742
2011/09/28	10:28:30	0.9736	4585.144	121.514
2011/09/28	10:33:30	1.0589	4618.389	119.363
2011/09/28	10:38:00	1.1318	4639.048	117.633
2011/09/28	10:42:00	1.1886	4647.106	116.483
2011/09/28	10:45:30	1.2736	4660.153	115.405
Initial Flow				
2011/09/28	10:47:30	1.2903	4657.732	115.189
2011/09/28	10:51:30	1.3669	4778.197	113.707
2011/09/28	10:56:00	1.4319	4847.849	111.882
2011/09/28	11:00:00	1.4906	4884.830	109.728
2011/09/28	11:05:00	1.5819	4913.060	108.046
2011/09/28	11:09:30	1.6869	4932.333	106.897
2011/09/28	11:14:00	1.7310	4944.215	105.384
Initial Flow				
2011/09/28	11:17:00	1.7819	4949.718	104.304
2011/09/28	11:18:00	1.7986	4950.209	104.225
2011/09/28	11:23:00	1.8819	5120.214	101.977
2011/09/28	11:27:30	1.9309	5187.107	99.977
2011/09/28	11:31:30	2.0236	5222.486	97.903
2011/09/28	11:36:00	2.0986	5249.285	96.398
2011/09/28	11:41:00	2.1819	5287.482	95.070
2011/09/28	11:45:30	2.2589	5281.152	94.089
Initial Flow				
2011/09/28	11:47:00	2.2819	5287.030	93.803
2011/09/28	11:48:30	2.3236	5388.852	93.265
2011/09/28	11:54:30	2.4069	5486.351	91.782
2011/09/28	11:59:00	2.4810	5502.370	90.857
2011/09/28	12:03:30	2.5669	5537.519	90.453
2011/09/28	12:07:30	2.6236	5584.430	90.172
2011/09/28	12:12:30	2.7086	5603.836	89.776
2011/09/28	12:17:00	2.7818	5615.480	89.506
Initial Flow				
2011/09/28	12:17:30	2.7903	5617.833	89.487
2011/09/28	12:21:00	2.8486	5784.684	91.224
2011/09/28	12:25:30	2.9236	5851.878	91.445
2011/09/28	12:30:30	3.0069	5918.585	90.577
2011/09/28	12:38:00	3.0818	5901.633	90.701
2011/09/28	12:39:00	3.1486	5994.173	90.444
2011/09/28	12:44:00	3.2319	6023.708	90.888

2207 Fairway Dr, Duncan OK, 73533 Cell 281.635.1718 Fax 509.562.9684



Company Name JUDA OL
 Well Name CEDAR LAKE BWD STATION
 Type of Test BLEP RATE TEST
 Date(s) of Test 09-26-2011

Date	Time	Cum Time BH1	BH Pres 1 psig	Bat Temp 1 deg F
Final Flow				
2011/09/26	12:47:30	3.2903	6039.888	90.351
2011/09/26	12:48:30	3.3069	6789.844	87.469
2011/09/26	12:53:00	3.3819	5255.131	88.648
2011/09/26	12:57:00	3.4486	5027.792	91.308
2011/09/26	13:02:00	3.5019	4845.578	97.899
2011/09/26	13:06:30	3.6009	4737.630	101.251
2011/09/26	13:10:30	3.6736	4669.351	103.294
2011/09/26	13:15:00	3.7488	4613.717	104.945
2011/09/26	13:20:00	3.8319	4570.099	106.264
2011/09/26	13:24:30	3.9088	4541.941	107.222
2011/09/26	13:28:30	3.9736	4523.116	107.877
2011/09/26	13:33:30	4.0568	4505.241	108.658
2011/09/26	13:38:00	4.1318	4483.098	108.921
2011/09/26	13:42:30	4.2068	4483.676	108.236
2011/09/26	13:46:30	4.2736	4476.784	109.517
2011/09/26	13:51:30	4.3568	4469.989	108.778
2011/09/26	13:56:00	4.4319	4464.997	109.971
2011/09/26	14:00:00	4.4986	4461.232	110.196
2011/09/26	14:04:30	4.5738	4457.714	110.612
2011/09/26	14:09:30	4.6569	4454.338	110.570
2011/09/26	14:14:00	4.7319	4451.879	110.781
2011/09/26	14:18:00	4.7988	4449.875	110.872
2011/09/26	14:23:00	4.8819	4447.785	111.108
2011/09/26	14:27:30	4.9568	4445.070	111.207
2011/09/26	14:32:00	5.0319	4444.626	111.282
2011/09/26	14:36:00	5.0988	4443.321	111.428
2011/09/26	14:41:00	5.1819	4442.036	111.583
2011/09/26	14:45:30	5.2568	4441.000	111.610
2011/09/26	14:49:30	5.3236	4440.137	111.718
2011/09/26	14:54:00	5.3986	4439.231	111.801
2011/09/26	14:58:00	5.4619	4438.130	111.862
2011/09/26	15:03:30	5.5369	4437.705	112.048
2011/09/26	15:07:30	5.6236	4437.085	112.055
2011/09/26	15:12:30	5.7068	4436.373	112.154
2011/09/26	15:17:00	5.7819	4435.711	112.347
2011/09/26	15:21:00	5.8486	4435.385	112.316
2011/09/26	15:26:00	5.9319	4434.783	112.478
2011/09/26	15:30:30	6.0068	4434.520	112.517
2011/09/26	15:34:30	6.0738	4434.030	112.726
2011/09/26	15:39:20	6.1568	4433.469	112.861
2011/09/26	15:44:00	6.2319	4433.098	112.989
2011/09/26	15:48:30	6.3068	4432.767	112.948
2011/09/26	15:52:30	6.3736	4432.410	113.058
2011/09/26	15:57:30	6.4588	4432.124	113.193
2011/09/26	16:02:00	6.5319	4431.790	113.302
2011/09/26	16:06:00	6.5986	4431.803	113.378
2011/09/26	16:10:30	6.6736	4431.286	113.483
2011/09/26	16:15:30	6.7568	4430.888	113.572
2011/09/26	16:20:00	6.8319	4430.625	113.659
2011/09/26	16:24:00	6.8988	4430.540	113.727
2011/09/26	16:29:00	6.9819	4430.365	113.840
2011/09/26	16:33:30	7.0568	4430.160	113.895
2011/09/26	16:38:00	7.1318	4429.985	113.985



Company Name: JUCA OIL
Well Name: CEDAR LAKE SWD STATION
Type of Test: STEP RATE TEST
Date(s) of Test: 09-20-2011

Date	Time	Cum. Time BH	BM Pres 1 psi	BM Temp deg F
2011/09/20	16:42:00	7.1886	4429.705	116.084
2011/09/20	16:47:00	7.2819	4429.543	116.217
2011/09/20	16:51:30	7.3582	4429.484	116.288
2011/09/20	16:55:30	7.4236	4429.263	116.366
2011/09/20	17:00:00	7.4886	4429.045	116.587
2011/09/20	17:05:00	7.5810	4428.880	116.591
2011/09/20	17:09:30	7.6569	4428.780	116.658
2011/09/20	17:13:30	7.7236	4428.606	116.795
2011/09/20	17:18:30	7.8089	4428.476	116.831
2011/09/20	17:23:00	7.8819	4428.387	116.928
2011/09/20	17:27:30	7.9569	4428.271	116.889
2011/09/20	17:31:30	8.0236	4428.124	116.083
2011/09/20	17:36:30	8.1069	4428.005	116.133
2011/09/20	17:41:00	8.1819	4427.887	116.232
2011/09/20	17:45:00	8.2486	4427.797	116.248
2011/09/20	17:49:30	8.3236	4427.640	116.328
2011/09/20	17:54:30	8.4069	4427.559	116.378
2011/09/20	17:59:00	8.4819	4427.505	116.547
2011/09/20	18:03:00	8.5486	4427.387	116.506
2011/09/20	18:08:00	8.6319	4427.192	116.497
2011/09/20	18:12:30	8.7069	4427.352	116.583
2011/09/20	18:17:00	8.7819	4427.086	116.707
2011/09/20	18:21:00	8.8486	4426.866	116.606
2011/09/20	18:26:00	8.9319	4426.832	116.679
2011/09/20	18:30:30	9.0069	4426.932	116.878
2011/09/20	18:34:30	9.0736	4426.782	116.884
2011/09/20	18:39:00	9.1486	4426.609	116.853
2011/09/20	18:44:00	9.2319	4426.598	116.975
2011/09/20	18:48:30	9.3069	4426.518	116.806
2011/09/20	18:52:30	9.3736	4426.473	116.885
2011/09/20	18:57:30	9.4569	4426.428	116.058
2011/09/20	19:02:00	9.5319	4426.296	116.061
2011/09/20	19:06:30	9.6069	4426.254	116.086
2011/09/20	19:10:30	9.6736	4426.236	116.136
2011/09/20	19:15:30	9.7469	4426.142	116.280
2011/09/20	19:20:00	9.8319	4426.031	116.208
2011/09/20	19:24:00	9.8986	4425.989	116.181
2011/09/20	19:28:30	9.9736	4426.020	116.341
2011/09/20	19:33:30	10.0569	4425.892	116.375
2011/09/20	19:38:00	10.1319	4425.798	116.406
2011/09/20	19:42:00	10.1986	4425.776	116.386
2011/09/20	19:47:00	10.2819	4425.706	116.392
2011/09/20	19:51:30	10.3569	4425.729	116.452
2011/09/20	19:56:00	10.4319	4425.587	116.708
2011/09/20	20:00:00	10.4986	4425.582	116.369
2011/09/20	20:05:00	10.5819	4425.500	116.524
2011/09/20	20:09:30	10.6569	4425.410	116.470
2011/09/20	20:13:30	10.7236	4426.398	116.460
2011/09/20	20:18:00	10.7986	4426.259	116.407
2011/09/20	20:23:00	10.8819	4425.293	116.393
2011/09/20	20:27:30	10.9569	4425.286	116.379
2011/09/20	20:31:30	11.0236	4425.266	116.359
2011/09/20	20:36:30	11.1069	4425.258	116.384
2011/09/20	20:41:00	11.1819	4425.098	116.388

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