

#### Kansas Corporation Commission Oil & Gas Conservation Division

1152795

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil         WSW         SWD         SIOW           Gas         D&A         ENHR         SIGW           OG         GSW         Temp. Abd.           CM (Coal Bed Methane)         Cathodic         Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:  Dual Completion Permit #:  SWD Permit #:	Operator Name:
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	

#### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

KCC Office Use ONLY					
Letter of Confidentiality Received					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II III Approved by: Date:					

Side Two

1152795

Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually ( (Submit AC		nmingled mit ACO-4)			

Form	ACO1 - Well Completion		
Operator	Raydon Exploration, Inc.		
Well Name	Josefiak Trust 1-22		
Doc ID	1152795		

### All Electric Logs Run

Cement Bond Log
Microlog
Array Compensated True Resistivity Log
Dual Spaced Neutron Spectral Density Log
Bore Hole Compensated Sonic Array Log

Form	ACO1 - Well Completion		
Operator	Raydon Exploration, Inc.		
Well Name	Josefiak Trust 1-22		
Doc ID	1152795		

### Tops

Name	Тор	Datum
Base Heebner	3629	-1551
Lansing	3710	-1632
Drum	3854	-1776
Swope	3940	-1862
Marmaton	4112	-2034
Cherokee	4140	-2062
Conglemerate	4176	-2098
Mississippi	4264	-2186
Viola	4324	-2246

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

July 29, 2013

David E. Rice Raydon Exploration, Inc. 1601 NW EXPRESSWAY, STE 1300 OKLAHOMA CITY, OK 73118-1462

Re: ACO1 API 15-145-21709-00-00 Josefiak Trust 1-22 SW/4 Sec.22-21S-19W Pawnee County, Kansas

#### **Dear Production Department:**

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, David E. Rice

# GEOLOGIST'S REPORT DRILLING TIME & SAMPLE LOG

COMPANY RAYDO LEASE JOSEFIA LOCATION 335 SEC. 22 TWP. 2 COUNTY PAWNEE	K FSL 8 72 IS	20'FWL	10. <u>1-22</u>	ELEVATIO  KB 2078  DF 2076  GL 2069  MEASUREMENT  ALL FROM KB
COMM. 2-27-20	OMCAT DR	ILG. RIG	NO. 4 2013	5CASING RE( 8/8 of 1216 w/ of w/ of w/
No. of DST'S TW	<u>10</u> No. of	CORES	NONE	EL LOG ACRES DEN·NEUT·GR·CA ML·SONIC
SAMPLES SAVED DRILLING TIME K SAMPLES EXAMI GEOLOGICAL SUP GEOLOGIST ON	FROM _ EPT FRO NED FRO ERVISION	M_3300 M_3300 M_330 FROM_	TOTOTOTOTOTOTO	
FORMATION TOPS BASE HEEBNER LANSING FM. DRUM SWOPE	3629 3708 3854 3940 4/06 4/41 4/80 4/64 4/320 4/387	3629 3710 3854 3946 41/2 4140 4176 4264 4324 4370	- 155/ - 1632 - 1776 - 1862 - 2034 - 2062 - 2098 - 2186 - 2246	22 API NO.15-145-



Raydon Exploration

STE 1300

1601 NW Expressway

Oklahoma City OK 73118

22-21s-19w Pawnee,KS

JosefiakTrust #1-22

Job Ticket: 52033

DST#:1

Test Start: 2013.03.04 @ 21:45:00

#### GENERAL INFORMATION:

Time Tool Opened: 00:54:00

Time Test Ended: 08:49:00

Formation:

Drum

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Brett Dickinson

Unit No:

59

Reference Elevations:

2077.00 ft (KB)

2068.00 ft (CF)

KB to GR/CF:

9.00 ft

Interval: Total Depth: 3838.00 ft (KB) To 3860.00 ft (KB) (TVD)

3860.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Fair

Serial #: 8319

Press@RunDepth:

336.39 psig @ 2013.03.04

Inside

3839.00 ft (KB) End Date:

2013.03.05

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

21:45:05

End Time:

08:49:00

Time On Btm:

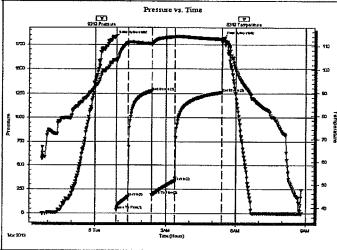
2013.03.05 2013.03.05 @ 00:51:00

Time Off Btm:

2013.03.05 @ 05:27:30

TEST COMMENT: IF-BOB in 3 min

ISI-BOB in 21 min FF-BOB in 4 1/2 min FSI-BOB in 7 min



#### PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F) 0 1820.49 103.93 Initial Hydro-static Open To Flow (1) 40.46 103.69 33 172.42 111.51 Shut-In(1) 93 1274.14 111.12 End Shut-In(1) 94 189.47 110.65 Open To Flow (2) 336.39 152 114.11 Shut-in(2) 273 1263.22 113.03 End Shut-In(2) 277 1814.41 112.35 Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
360.00	VSMCW 10%M 90%W	2.92
90.00	GSOWCM 15%G 10%O 15%W 60%M	1.26
310.00	GO 15%G 85%O	4.35
0.00	150ft GIP	0.00

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mct/d)

Trilobite Testing, Inc.

Ref. No: 52033



Raydon Exploration

22-21s-19w Pawnee,KS

JosefiakTrust #1-22

1601 NW Expressway STE 1300

Job Ticket: 52033

DST#: 1

Oklahoma City OK 73118 ATTN: Ed Grieves

Test Start: 2013.03.04 @ 21:45:00

GENERAL INFORMATION:

Time Test Ended: 08:49:00

Formation:

Drum No

Deviated:

Whipstock: Time Tool Opened: 00:54:00

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Brett Dickinson

Unit No:

Reference Elevations:

2077.00 ft (KB)

KB to GR/CF;

2068.00 ft (CF) 9.00 ft

Interval: Total Depth: 3838.00 ft (KB) To 3860.00 ft (KB) (TVD) 3860.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Fair

Serial #: 8166 Outside

psig @

3839.00 ft (KB)

2013.03.05

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

Press@RunDepth:

2013.03.04 21:45:05

End Date: End Time:

08:48:30

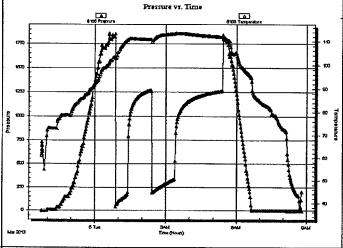
Time On Btm:

2013.03.05

Time Off Blm:

TEST COMMENT: IF-BOB in 3 min

ISI-BOB in 21 min FF-80B in 4 1/2 min FSI-BOB in 7 min



		PI	RESSUF	RE SUMMARY	
	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
I					
-					
ı					
į					
ı					
ı					
I					

Recovery

Length (ft)	Description	Volume (bbl)
360.00	VSMCW 10%M 90%W	2.92
90.00	GSOWCM 15%G 10%O 15%W 60%M	1.26
310.00	GO 15%G 85%O	4.35
0.00	150ft GIP	0.00

Gas Rates

Choia (inches) | Pressure (psig) Gas Rate (Mct/d)

Trilobite Testing, Inc

Ref. No: 52033



**TOOL DIAGRAM** 

Raydon Exploration

22-21s-19w Pawnee,KS

1601 NW Expressway

JosefiakTrust #1-22

Job Ticket: 52033

DST#:1

Oklahoma City OK 73118 ATTN: Ed Grieves

Test Start: 2013.03.04 @ 21:45:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 3602.00 ft Diameter:

3.80 inches Volume:

50.53 bbl

Tool Weight:

2500.00 lb

Drill Collar:

Length:

ft Diameter: 234.00 ft Diameter:

STE 1300

2.70 inches Volume: - bbi 2.25 inches Volume: 1.15 bbl

Weight to Pull Loose: 62000.00 lb

Weight set on Packer: 25000.00 lb

Drill Pipe Above KB:

26.00 ft

Total Volume: - bbl

Tool Chased

0.00 ft

Depth to Top Packer:

3838.00 ft

String Weight: Initial 60000.00 lb

Depth to Bottom Packer: Interval between Packers:

fŧ 22.00 ft

Final 62000.00 lb

Tool Length:

50.00 ft

2 Diameter:

6.75 inches

Number of Packers: Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3811.00		
Shut In Tool	5.00			3816.00		
Hydraulic tool	5.00			3821.00		
Jars	5,00			3826.00		
Safety Joint	2.00			3828.00		
Packer	5.00			3833.00	28.00	Bottom Of Top Packer
Packer	5.00			3838.00		
Packer - Shale	0.00			3838.00		
Stubb	1.00			3839.00		
Recorder	0.00	8319	Inside	3839.00		
Recorder	0.00	8166	Outside	3839.00		
Perforations	18.00			3857.00		
Bullnose	3.00			3860.00	22.00	Bottom Packers & Anchor

**Total Tool Length:** 

50.00

Trilobite Testing, Inc.

Ref. No: 52033



**FLUID SUMMARY** 

Raydon Exploration

22-21s-19w Pawnee,KS

JosefiakTrust #1-22

1601 NW Expressway

Job Ticket: 52033

DST#:1

STE 1300 Oklahoma City OK 73118 ATTN: Ed Grieves

Test Start: 2013.03.04 @ 21:45:00

#### **Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil APi:

40 deg API

Mud Weight: Viscosity:

9.00 lb/gal

Cushion Length:

ft

Water Salinity:

Water Loss:

46.00 sec/qt 6.79 in<sup>3</sup>

Cushion Volume:

bbl

125000 ppm

Resistivity:

ohm.m

Gas Cushlon Type:

psig

Salinity: Filter Cake:

5100.00 ppm inches Gas Cushion Pressure:

### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
360.00	VSMCW 10%M 90%W	2.918
90.00	GSOWCM 15%G 10%O 15%W 60%M	1.262
310.00	GO 15%G 85%O	4.348
0.00	150ft GIP	0.000

Total Length:

760.00 ft

Total Volume:

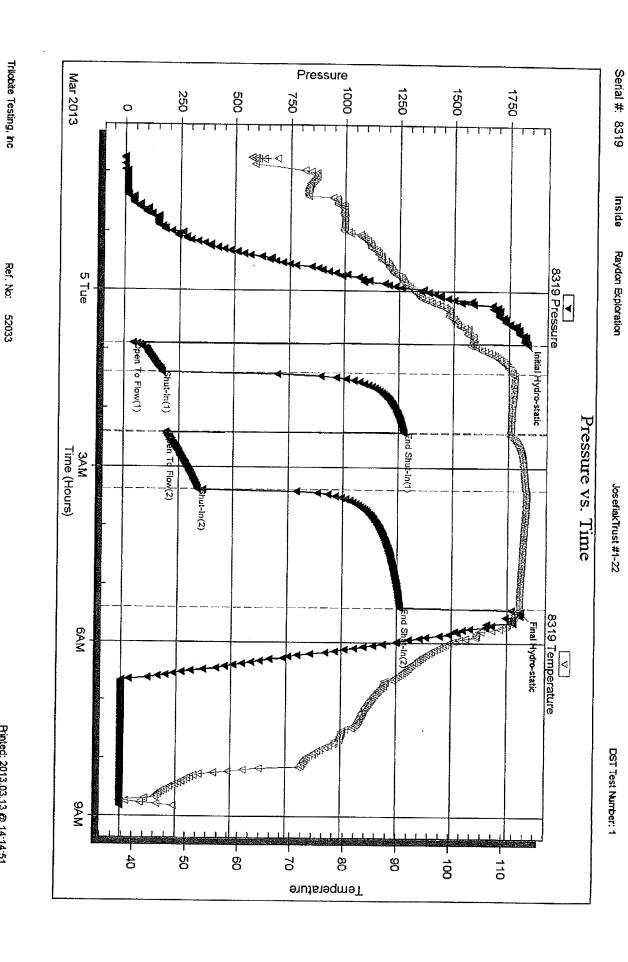
8.528 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:







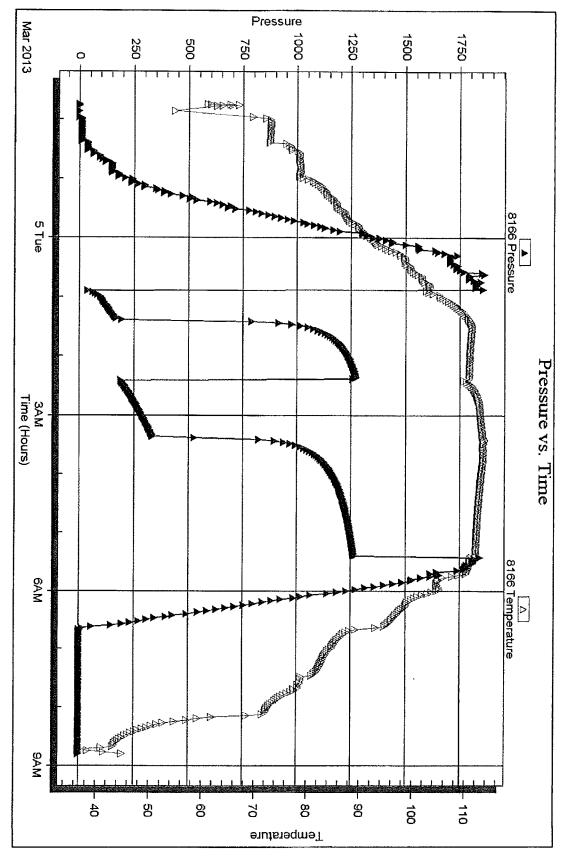
Printed: 2013.03.13 @ 14:14:52

JosefiakTrust #1-22

Serial #: 8166

Outside Raydon Exploration







### **Test Ticket**

No. 52033

Well Name & No. Jose Cigh Trus	7 1-22 Test No. 1	Date 3/4/13
Company Rayden Exploration		
Address 1601 NW Express w		
Co. Rep / Geo.	Rig 7cm	144
Location: Sec. 22 Twp. 2/	Age. 19 Co. Pawne	Stale K S
Interval Tested 38 38 - 38 6 0	Zone Tested Drym	
Anchor Length 22	Drill Pipe Run <u>3662</u>	Mud Wt. 9, /
Top Packer Depth 3833	Drill Collars Run 234	Vis 46
Boltom Packer Depth 3 5 3 5	Wt. Pipe Run	WL <u>6, 8</u>
Total Depth 3860	Chlorides <u>5, 10, 0</u> ppm S	ystem LCM 2
Blow Description 7 F - BoBin 3min		
152 - BOD in 21m;	V4	k 
	in	
151 - BOBin 7mi	a	and the second s
Rec 3(-1) Feet of VS/YLW		%oil 90 %water 10 %mud
Rec 90 Feet of 6 5 OWC/V)		%oll 15 %water 60 %mud
Rec_3/0 Feet of 60	15 %gas 83	> %oil %water %mud
Rec Feet of	%gas	%oil %water %mud
RecFeet of	%gas	%oil %water %mud
Rec Total 760 BHT 1/3		
(A) Initial Hydrostatic 1, 82 0	· .	· · · · · · · · · · · · · · · · · · ·
(B) First Initial Flow	/ ',	T-Started 2/, 45
(C) First Final Flow 172	Safety Joint 75	T-Open 00 5 3
(D) Initial Shut-In 1,274	☐ Circ Sub	T-Pulled 5:23 T-Out 8:48
(E) Second Initial Flow 189	Hourly Standby 24-52.75h 275	Gomments
(F) Second Final Flow 336	Mileage /// CT 172.05	ovinitetts.
(G) Final Shut-In <u>9263</u>	CI Sampler	
(H) Final Hydrostatic 1, 8 / 4	☐ Straddle	☐ Ruined Shale Packer
~ ()	Shale Packer 250	Cl Ruined Packer
Initial Open 30	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 60	☐ Extra Recorder	Sub Total0
Final Flow 60	Day Standby	Total 2422.05
Final Shut-In 120	Accessibility No. 5100 5 150	MP/DST Disc't
	Sub Total 2422.05	⇒ () ,
Approved By	Our Representative	But Duling_



Prepared For: Raydon Exploration

1601 NW Expressway

STE 1300

Oklahoma City OK 73118

ATTN: Ed Grieves

#### JosefiakTrust #1-22

### 22-21s-19w Pawnee,KS

Start Date: 2013.03.07 @ 08:45:00

End Date: 2013.03.07 @ 19:14:00

Job Ticket #: 52034 DST #: 2

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



Raydon Exploration

22-21s-19w Pawnee,KS

JosefiakTrust #1-22

STE 1300

Job Ticket: 52034

Oklahoma City OK 73118 ATTN: Ed Grieves

ft (KB)

1601 NW Expressway

Test Start: 2013.03.07 @ 08:45:00

GENERAL INFORMATION:

Formation:

Conglom e rate

Deviated:

No Whipstock:

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 11:47:30

Time Test Ended: 19:14:00

Tester: Unit No: Brett Dickinson

Interval:

4186.00 ft (KB) To 4210.00 ft (KB) (TVD)

DST#: 2

Total Depth:

4210.00 ft (KB) (TVD)

Reference Elevations:

2077.00 ft (KB)

59

2068.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Fair

KB to GR/CF:

9.00 ft

Serial #: 8319

Inside Press@RunDepth:

96.58 psig @

4187.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.03.07

End Date:

2013.03.07

Last Calib.:

2013.03.07

Start Time:

08:45:05

End Time:

19:14:00

Time On Blm:

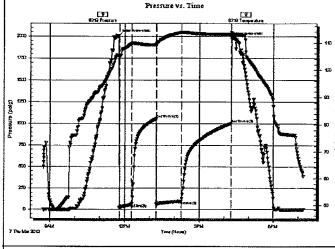
2013.03.07 @ 11:46:00

Time Off Btm:

2013.03.07 @ 16:18:30

TEST COMMENT: IF-5 1/2" blow

ISI-No blow FF-5" blow FSI-No blow



		PI	RESSUF	RE SUMMARY
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2005.60	105.47	Initial Hydro-static
	2	22.78	105.06	Open To Flow (1)
	31	57.75	109.70	Shut-In(1)
4	90	1056.25	109.32	End Shut-In(1)
•qq	91	61.16	109.03	Open To Flow (2)
Temperalure (dag f)	151	96.58	113.80	Shut-In(2)
(dag	270	1003.46	113.15	End Shut-In(2)
3	273	1969.63	113.53	Final Hydro-static

#### Recovery Length (ft) Description Volume (bbl) 10.00 SGO 5%G 95%O 0.05 60.00 SOCM 20%O 80%M 0.30 120.00 VSOMOW 2%O 83%W 15%M 0.59 Recovery from multiple tests

Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcl/d)

Trilobite Testing, Inc.

Ref. No: 52034



Raydon Exploration

22-21s-19w Pawnee, KS

JosefiakTrust #1-22

1601 NW Expressway STE 1300

Oklahoma City OK 73118 ATTN: Ed Grieves

Job Ticket: 52034

DST#: 2

Test Start: 2013.03.07 @ 08:45:00

#### GENERAL INFORMATION:

Formation:

Interval:

Total Depth:

Hole Diameter:

Conglomerate

Deviated: No Time Tool Opened: 11:47:30

Time Test Ended: 19:14:00

Whipstock:

ft (KB)

Tester:

Test Type: Conventional Bottom Hole (Reset)

Brett Dickinson

Unit No: 59

Reference Elevations:

2077.00 ft (KB)

2068.00 ft (CF)

4210.00 ft (KB) (TVD) 7.88 inchesHole Condition: Fair

4186.00 ft (KB) To 4210.00 ft (KB) (TVD)

KB to GR/CF:

9.00 ft

Serial #: 8166 Press@RunDepth: Outside

psig @

4187.00 ft (KB)

2013.03.07

Capacity:

8000.00 psig

Start Date:

2013.03.07

End Date:

Last Calib.; Time On Btm: 2013.03.07

Start Time:

08:45:05

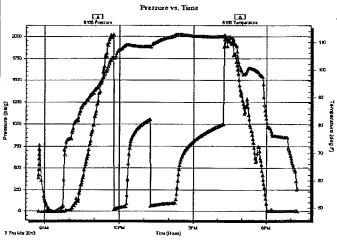
End Time:

19:16:00

Time Off Btm:

TEST COMMENT: IF-5 1/2" blow

ISI-No blow FF-5" blow FSI-No blow



### PRESSURE SUMMARY

	i				
	Time	Pressure	Temp	Annotation	
<b>#</b> 0	(Min.)	(psig)	(deg F)		
20					
Temperature (deg f)					
3					
(deg					
, 3					
3					
,					

#### Recovery

Length	(ft)	Description	Volume (tbl)
10.00		SGO 5%G 95%O	0.05
60.00		SOCM 20%O 80%M	0.30
120.0	0	VSOMCW 2%O 83%W 15%M	0.59
Recove	ry from mult	iple tests	

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 52034



**TOOL DIAGRAM** 

Raydon Exploration

1601 NW Expressway STE 1300

Oklahoma City OK 73118 ATTN: Ed Grieves

22-21s-19w Pawnee,KS

JosefiakTrust #1-22

Job Ticket: 52034

DST#: 2

Test Start: 2013.03.07 @ 08:45:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Pipe Above KB:

Depth to Top Packer:

Drill Collar:

Length:

Length: 3947.00 ft Diameter:

ft Diameter: 234.00 ft Diameter:

Diameter:

3.80 inches Volume: 2.70 inches Volume: 2.25 inches Volume:

55.37 bbl - bbl 1.15 bbl Tool Weight:

2500.00 lb Weight set on Packer: 25000.00 lb

Weight to Pull Loose: 85000.00 lb

Tool Chased

0.00 ft

Total Volume: - bbl

String Weight: Initial 61000.00 lb

Final 61000.00 (b

Depth to Bottom Packer: Interval between Packers:

4186.00 ft ft

23.00 ft

24.00 ft

2

52.00 ft

6.75 inches

Number of Packers:

Tool Comments:

Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4159.00		
Shut In Tool	5.00			4164.00		
Hydraulic tool	5.00			4169.00		
Jars	5.00			4174.00		
Safety Joint	2.00			4176.00		
Packer	5.00			4181.00	28.00	Bottom Of Top Packer
Packer	5.00			4186.00		
Packer - Shale	0.00			4186.00		
Stubb	1.00			4187.00		
Recorder	0.00	8319	Inside	4187.00		
Recorder	0.00	8166	Outside	4187.00		
Perforations	20.00			4207.00		
Bullnose	3.00			4210.00	24.00	Boltom Packers & Anchor

Total Tool Length:

52.00

Ref. No: 52034



**FLUID SUMMARY** 

đeg API

55000 ppm

Raydon Exploration

STE 1300

22-21s-19w Pawnee,KS

1601 NW Expressway

JosefiakTrust #1-22

Job Ticket: 52034

DST#: 2

Oklahoma City OK 73118 ATTN: Ed Grieves

Test Start: 2013.03.07 @ 08:45:00

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight: Viscosity:

Water Loss: Resistivity:

Salinity:

Filter Cake:

9.00 lb/gal 53.00 sec/qt 6.39 in<sup>3</sup>

ohm.m 6500.00 ppm

inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type: Gas Cushion Pressure: bbl psig

ft

**Recovery Information** 

Recovery Table

Length ft Description Volume ppl 0.049 10.00 SGO 5%G 95%O 0.295 60.00 SOCM 20%O 80%M 120.00 VSOMCW 2%O 83%W 15%M 0.590

Total Length:

190.00 ft

Total Volume:

0.934 bbl

Num Fluid Samples: 0

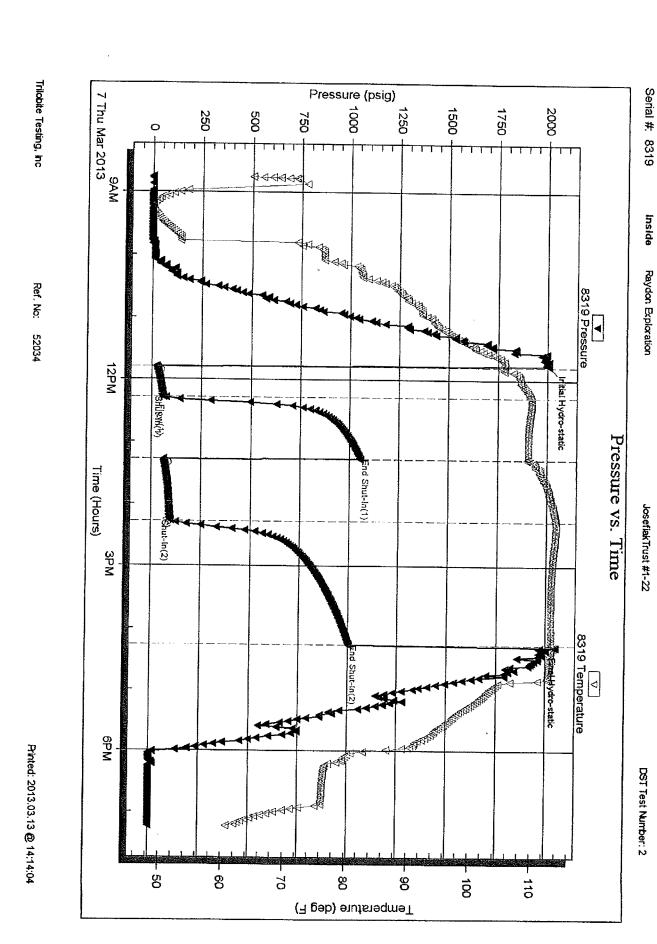
Num Gas Bombs:

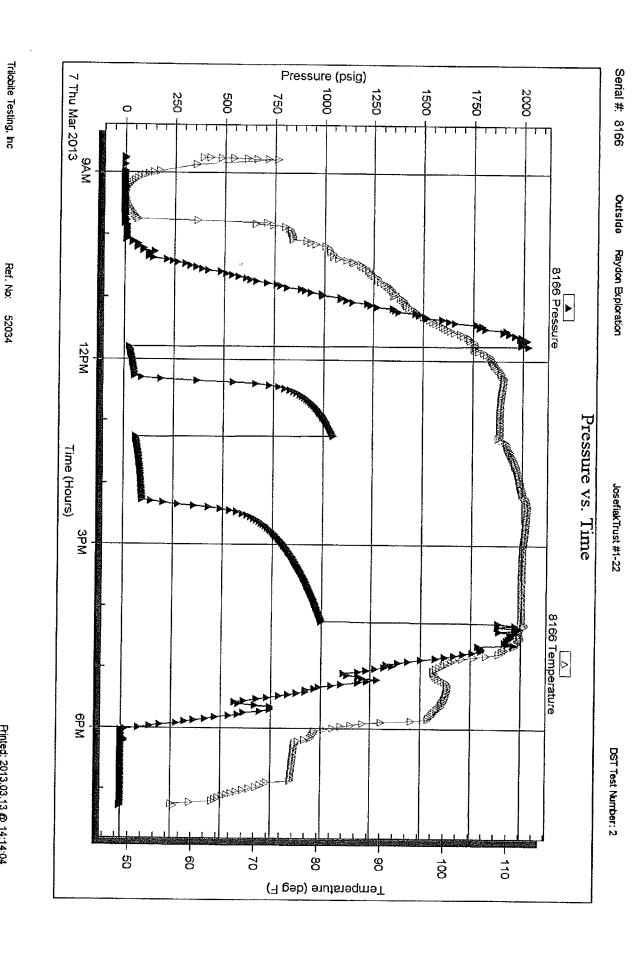
Laboratory Name: Recovery Comments: Laboratory Location:

Serial #:

Trilobite Testing, Inc.

Ref. No: 52034







1515 Commerce Parkway • Hays, Kansas 67601

### **Test Ticket**

NO. 5203.

Well Name & No. Jose Fight Trust	1-22 Test No. 2	Date 3/7/13
<b>b</b>	Elevation 202	
` · · · · · · · · · · · · · · · · · · ·	, STE 1300 OKlahoma City	
1	Rig Tomca	
1	Age. 19 Co. Pawner	
Interval Tested 4/86 - 42/0	Zone Tested <u>Cong</u>	
Anchor Length 2447		A
Top Packer Depth 4/8/	Drill Collars Run 234	
Bottom Packer Depth 4/86	Wt. Pipe Run	WL 6, 6/
Total Depth 42/0	Chlorides 6,500 ppm Sy	stem LCM <u>3</u>
Blow Description IF - 5 1/3 in blow		
151 -Noblow		
FSI Noblew		
Rec / Feet of 560	5%gas 95	%oil %water %n
Rec 60 Feet of @ SOCM	%gas 2.8	) %oil %water 80 %n
Rec 120 Feet of VS ONCW	%gas 2	%oil 83 %water /5 %m
RecFeet of	%gas	%oil %water %m
RecFeet of	%gas	%oil %water %m
Rec Total / 90 BHT	GravityAPI RW	10 °F Chlorides 55,000 p
(A) Initial Hydrostatic 2,006	Test 1250	T-On Location 7:50
(B) First Initial Flow 2.3	Jars 250	T-Started 8:45
(C) First Final Flow 58	Safety Joint75	T-Open 11:43
(D) Initial Shut-In <u>LOS6</u>	Circ Sub	T-Pulled 16 13
(E) Second Initial Flow6 /	☐ Hourly Standby	T-Out 19:15
(F) Second Final Flow 97	Mileage 111 rT x 2 344.10	Comments 100/s 3/8/
(G) Final Shul-In	☐ Sampler	23:
(H) Final Hydrostatic 1, 970	_ U Straddle	Ruined Shale Packer
•	Shale Packer 250	Ruined Packer
Initial Open 30	□ Extra Packer	☐ Extra Copies
Initial Shut-In 60	Extra Recorder	Sub Total 1566.67
Final Flow 6 0	Day Standby X 2 1d 4.25h	Total 3885.77
Final Shut-In 120	Accessibility No stain 5 150	MP/DST Disc't
	Sub Total 2319.10	٤.
Approved By	Our Representative B	T. De hi

Indotte Testing Inc. shall not be hable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



## **CEMENTING LOG**

STAGE NO.

Data @ * m/			A Con A		6700	CEMENT DATA:
Cole_C_O	28-13 Dis	trict Of Co	1 Deser	Ticket No05	1302	Spacer Type:
	cyclus 13	Poluxton		Rig Tom	6 to	Amt. Sks Vield
$\overline{}$	yet lah			Well No. 1-	22	Amt Sks Yield ft <sup>3</sup> /sk Density \$\frac{8 \cdot 3\left3}{2}  \text{F}
County 1	MAR.			State <u>k5</u>		
Location	4026			Field		LEAD: Pump Time hrs. Type ( 1) >> 4 2-1
040000					3,	P.1 ( ( ) 1/ 1 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1
CASING DAT	A: Conducto	r 🛮 _	PTA 🔲	Squeeze 🔲	Misc 🔲	
اسے پیر	Surface	Interm	nediate 🔲 🏻 🗜		iner 🔲	It 7 sk DensityP
Size 🔀 🧷	<u> </u>	· <u>55</u> v	/eight 🔏 🚣	Collar		8% (ml 2% / /
		····				Amt /5(/ Ske Viold / 74)
						WATER Load 166
						WATER: Lead 18.5 gals/sk Tail 6.5 gals/sk Total 1944 Bb
Casing Depths:	Top	-	Bottom	1219		Pump Trucks Used
		····				Bulk Equip. 599 , 603
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			buik equip
rill Pipe: Size		Weigh	nt	. Collars		
pen Hole: Size		T.D	ft.	P.B. to		Float Equip: Manufacturer
APACITY FAC	TORS:					
asing:	Bbls/Lin. ft	0636	Lin. ft./f	3bl		Short A State of the state of t
oen Holes:	Bbls/Lin. ft.		Lin_ft_/F	3bl		Depail
ill Pipe:				3bl		Centralizers: Quantity Plugs Top Btm
nnulus:	Bbls/Lin. ft	1072C				Stage Collars
		-		8bl		Special Equip. Coment Basket @ 84'
forations:						Disp. Fluid Type Amt Bbls. WeightPPC
iorations.	From	ft. t	0	ft. Amt		Mud Type Meight pp
						PP(
AADANIV DEDI	RESENTATIVE	005	121 0	AND THE PERSON NAMED IN COLUMN TO PERSON OF THE PERSON OF	deliferation and	
MICHIET NEP	JESENIATIVE	The state of the s	The state of the s	The same of the sa		CEMENTER IN A LANGE COMPANY
				77 500 00000000000000000000000000000000		CEMENTER Patrick Holger / The Charles
TIME	PRESSU		FLU	ID PUMPED I	DATA	CEMENTER Hetench Helson / The Charles
			TOTAL	Pumped Per	RATE	CEMENTER Hotels / The Charles  REMARKS
TIME AM/PM	PRESSU DRILL PIPE	RES PSI				
TIME AM/PM	PRESSU DRILL PIPE	RES PSI	TOTAL	Pumped Per	RATE	
TIME  AM/PM  30 PM	PRESSU DRILL PIPE	RES PSI	TOTAL	Pumped Per	RATE	REMARKS Airing Location
TIME  AM/PM  30 PM  30 PM  30 PM	PRESSU DRILL PIPE CASING	RES PSI	TOTAL FLUID	Pumped Per	RATE	REMARKS
TIME  AM/PM  30 PM  (W PM  3u PM  50 PM	PRESSU DRILL PIPE CASING	RES PSI	TOTAL FLUID	Pumped Per	RATE	Airing location In Flower Paul paralle
TIME  AM/PM  30 AM  30 AM  30 AM  30 AM  50 AM  50 AM  53 AM	PRESSU DRILL PIPE CASING	RES PSI	TOTAL FLUID	Pumped Per	RATE	Person Location  Lant ca (asian Panelle)
TIME  AM/PM  30 PM  30 PM  30 PM  53 PM  30 PM	PRESSU DRILL PIPE CASING	RES PSI	TOTAL FLUID	Pumped Per	RATE Bbls Min.	Propert space ( water)  Propert space ( water)
TIME  AM/PM  30 PM  30 PM  30 PM  50 PM  53 PM  30 PM  30 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	Person Location  Lant ca (asian  Propert space (water)
TIME  AM/PM  30 PM  30 PM  30 PM  50 PM  70 PM  70 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	TOTAL FLUID	Pumped Per	RATE Bbls Min.	REMARKS  Aline location  1 cm flow pour pounts  Lient co (as inc.  Proposed space (mater)  Proposed feel comme p 11.3 PMm  Proposed feel comme p 16.5 pag.
TIME  AM/PM  30 PM  30 PM  30 PM  50 PM  53 PM  30 PM  30 PM  30 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Aliste location  Last con laster  Liest con laster  Proposed space ( water)  Proposed that comme p 113 Pplon  Proposed for plant p 148 pay  Leverteed top plant  Dimond displace of the second
TIME  AM/PM  30 PM  30 PM  30 PM  50 PM  53 PM  60 PM  50 PM  50 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  FINAL LOCATION  LEANT CONTROL (MATER)  REMARKS  PRIMAREN SPACE (MATER)  REMARKS  PRIMAREN SPACE (MATER)  REMARKS  PRIMAREN SPACE (MATER)  REMARKS
TIME  AM/PM  30 PM  30 PM  30 PM  50 PM  53 PM  60 PM  50 PM  50 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  ALLENS LOCATION  LOCATION COURT PARAMET  LIENT CO COSTOR  PRIMARENT AND COMMENT D HIS PORT  LOCATION OF PORT  L
TIME  AM/PM  30 PM  30 PM  30 PM  53 PM  53 PM  00 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  ALLENS LOCATION  LOCATION COURT PARAMET  LIENT CO COSTOR  PRIMARENT AND COMMENT D HIS PORT  LOCATION OF PORT  L
TIME  AM/PM  30 PM  30 PM  30 PM  SU PM  53 PM  00 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alere location  I an Flow part parate  Lient co (as inc.  Proposed space (mater)  Proposed for 1 common & 11.3 PAIN  Proposed for 1 common & 16.5 PAIN  Layrenced stage common (mater)
TIME  AM/PM  30 PM  30 PM  30 PM  53 PM  53 PM  65 PM  65 PM  65 PM  65 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  FINAL LOCATION  LOCATION POLICIPANT  LIGHT CO CASING  PRIMARED STARLE ( MATER)  PRIMARED STARLE ( MATER)  LOCATION STARLES  LOC
TIME  AM/PM  30 PM  30 PM  SU PM  53 PM  30 PM  60 PM  60 PM  60 PM  60 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  FINAL LOCATION  LOCATION POLICIPANT  LIGHT CO CASING  PRIMARED STARLE ( MATER)  PRIMARED STARLE ( MATER)  LOCATION STARLES  LOC
TIME  AM/PM  30 PM  30 PM  30 PM  53 PM  53 PM  00 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  FILLIE LOCATION  Land Con Casing  Brompand aparts ( water)  Proposal feel commer & 113 PAIN  Compand feel commer & 148 pay  Canadan for plus  Compand plus want and Contain  Contained plus want and Contained  Contained plus wa
TIME  AM/PM  30 PM  30 PM  30 PM  SU PM  53 PM  00 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Lant contract (mater)  Remark that course & 113 PAIN  Pumped that come & 145 pay  Layrend that come a 145 pay  Layrend that come ago as our  should be protected to be the same  charles that a 25 books back  Care down
TIME  AM/PM  30 PM  30 PM  30 PM  SU PM  53 PM  00 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  FILLIER LOCATION  Land Control Control  Proposal Real Control D 113 PAIN  Proposal ful control D 148 PAIN  Conspect Steps plus  Aproposal plus west and DI act  observed plus beauty  obse
TIME  AM/PM  30 PM  30 PM  30 PM  SU PM  53 PM  00 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Last conference ( mater)  Remark that come plus par   Lungual that come plus par   Lungual top plus  Lungual displacement ( mater)
TIME  AM/PM  30 PM  30 PM  30 PM  50 PM  53 PM  00 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Last conference ( mater)  Remark that come plus par   Lungual that come plus par   Lungual top plus  Lungual displacement ( mater)
TIME  AM/PM  30 PM  30 PM  30 PM  53 PM  53 PM  65 PM  65 PM  65 PM  65 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Last contract (mater)  Remark that court a 113 PAIN  Purposed that court a 145 pay  Layrend that court ago as all  charles that court ago as all  charles that a 25 books back  Case down
TIME  AM/PM  30 PM  30 PM  SU PM  53 PM  30 PM  60 PM  60 PM  60 PM  60 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Lant contract (mater)  Remark that course & 113 PAIN  Pumped that come & 145 pay  Layrend that come a 145 pay  Layrend that come ago as our  should be protected to be the same  charles that a 25 books back  Care down
TIME  AM/PM  30 PM  30 PM  30 PM  50 PM  70 PM  70 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Lant contract (mater)  Remark that course & 113 PAIN  Pumped that come & 145 pay  Layrend that come a 145 pay  Layrend that come ago as our  should be protected to be the same  charles that a 25 books back  Care down
TIME  AM/PM  30 PM  30 PM  SU PM  53 PM  30 PM  60 PM  60 PM  60 PM  60 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Lant contract (mater)  Remark that course & 113 PAIN  Pumped that come & 145 pay  Layrend that come a 145 pay  Layrend that come ago as our  should be protected to be the same  charles that a 25 books back  Care down
TIME  AM/PM  30 PM  30 PM  30 PM  53 PM  53 PM  65 PM  65 PM  65 PM  65 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Lant contract (mater)  Remark that course & 113 PAIN  Pumped that come & 145 pay  Layrend that come a 145 pay  Layrend that come ago as our  should be protected to be the same  charles that a 25 books back  Care down
TIME  AM/PM  30 PM  30 PM  30 PM  53 PM  53 PM  00 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alert location  Last conference ( mater)  Remark that come plus par   Lungual that come plus par   Lungual top plus  Lungual displacement ( mater)
TIME  AM/PM  30 PM  30 PM  SU PM  53 PM  30 PM  60 PM  60 PM  60 PM  60 PM	PRESSU DRILL PIPE CASING  150 150 120	RES PSI ANNULUS	10 bels 10 bels 1461 bes 26 bals	Pumped Per	RATE Bbls Min.	REMARKS  Alere locatus  Last a lastra  Conserved space ( mater)  Proposed lend compar & 113 PAIN  Proposed ful compar & 14 & par  Lastraced trop plus  Compared chapterent ( mater)  Disapped chapterent ( mater)  England Finall 25 told back  Care dough

## **ALLIED OIL & GAS SERVICES, LLC**

060376 Federal Tax I.D. # 20-8651475 REMIT TO P.O. BOX 93999 SERVICE POINT: **SOUTHLAKE, TEXAS 76092** great Bend 14 RANGE ON LOCATION 2:00 PM JOB START 7,00 PM CALLED OUT JOB FINISH 8,000 P.M. DATE 3-9-13 800AM Joeseflak LEASE Taunt COUNTY STATE LOCATION WELL# 1-22 Eost mto OLD OR NEW (Circle one) CONTRACTOR Tom Cat Doly #4 Some OWNER TYPE OF JOB Production
HOLE SIZE 728
CASING SIZE 4724 AMOUNT ORDERED 185 Mr ASC 10050lt, 290 Med 626 Gyp. 5th Kolsent/M. 570 F1-160, 2520 Asloomer 50N-60/40 42 Asl 4th flos and, 500gel DV 1100 7 get Deformer T.D. 43370' **CEMENT** DEPTH4370 **TUBING SIZE** DEPTH **DRILL PIPE** DEPTH TOOL **DEPTH** PRES. MAX / SOO # MINIMUM 600# COMMON\_ MEAS. LINE SHOE JOINT 42 POZMIX CEMENT LEFT IN CSG. 42. GEL PERFS. CHLORIDE DISPLACEMENT 69,13 bb/s ASC @ @ **EQUIPMENT** @ @ CEMENTER TO LANGE **PUMP TRUCK @** <u> 1006 #</u> HELPER July Heard **BULK TRUCK** DRIVER Autin # 599 **BULK TRUCK @** DRIVER 🗘 HANDLING @ MILEAGE \_\_\_ **REMARKS:** TOTAL \_\_ Ron 4390'd 42"cra. Broke Circulate Circulated I Ri. Proded Sbble HO-Soogal DV 1100-Sbbls H2O. Phygod Rothola & Manufole Mirad 75 Mr ASC Weefed at 11.5 /90-110 Nr. ASC Weefed at 14.5 #/90. Warked up. Released Plue. Displaced with fresh H2O. Landed Phy at 1200# Released & Dly Held. **SERVICE** DEPTH OF JOB <u>4390 ′</u> PUMP TRUCK CHARGE EXTRA FOOTAGE \_\_\_\_ MILEAGE \_\_\_\_\_@\_\_\_\_ 1.57 yeard \_\_\_@ \_\_\_\_\_ MANIFOLD \_\_\_\_\_ \_ @ \_\_ @ CHARGE TO: Roydon Explanation TOTAL STREET \_ CITY\_\_ \_\_ STATE \_\_\_ ZIP PLUG & FLOAT EQUIPMENT **@** 

(a)

DISCOUNT \_\_\_\_\_\_ IF PAID IN 30 DAYS

SALES TAX (If Any)

TOTAL CHARGES \_\_\_\_

@

TOTAL \_\_\_\_

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAMEY Clw+ Andrews

SIGNATURE X CLOSA

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

August 08, 2013

David E. Rice Raydon Exploration, Inc. 1601 NW EXPRESSWAY, STE 1300 OKLAHOMA CITY, OK 73118-1462

Re: ACO-1 API 15-145-21709-00-00 Josefiak Trust 1-22 SW/4 Sec.22-21S-19W Pawnee County, Kansas

Dear David E. Rice:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 2/27/2013 and the ACO-1 was received on August 05, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

**Production Department**