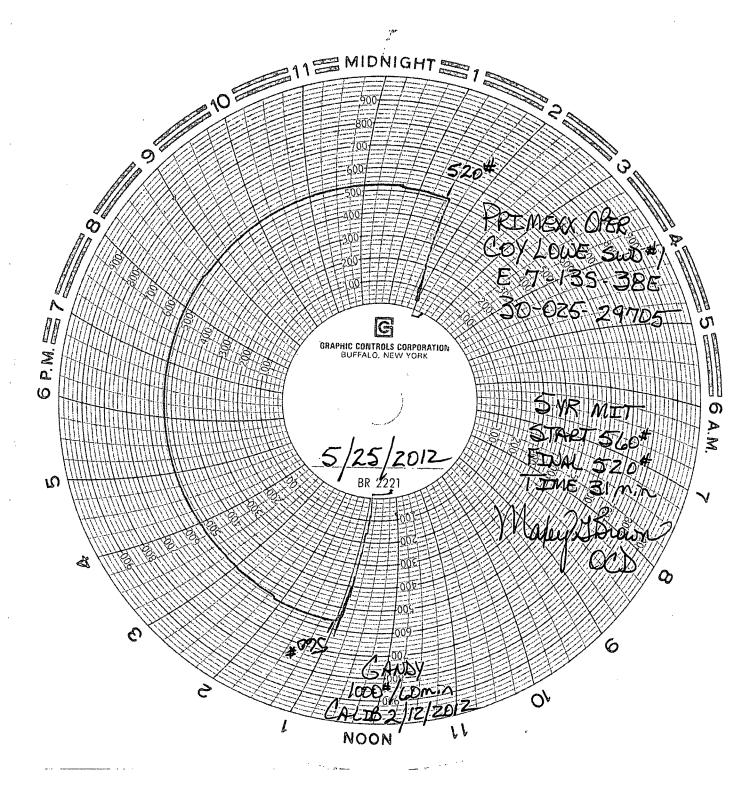
Office State of New Mexico	Form C-103
District I – (575) 393-6161 Energy, Minerals and Natural Resources	Revised August 1, 2011
1625 N. French Dr., Hobbs, NM 88240	WELL API NOD 35
District II – (575) 748-1283 811 S. First St., Artesia, NM 88210 HOBBS OF IL CONSERVATION DIVISION District III – (505) 334-6178	30.023.29705
<u>District in = (303) 334-0176</u> 1220 South St. Francis Dr.	5. Indicate Type of Lease STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV – (505) 476-3460 Santa Fe, NM 87505	6. State Oil & Gas Lease No.
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM APR 2 9 2013 87505 Santa Fe, NM 87505	
87505	NM 57730
SUNDRY NOTICES WID REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	Con Lowe
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well Gas Well Other / Swl	8. Well Number
2 Name of Orangton	9. OGRID Number
Primexx Operating Corporation	153888
3. Address of Operator Dallas, Tx	10. Pool name or Wildcat
4849 Circenville Ave., Ste. 1600 15206	Devonian
4. Well Location	2001110011
1	500 feet from the W line
Section 7 Township 135 Range 38E	NMPM Lea County
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3849 GR	
12. Check Appropriate Box to Indicate Nature of Notice,	Report or Other Data
• • •	•
NOTICE OF INTENTION TO: SUB	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK 🗂 PLUG AND ABANDON 🗌 REMEDIAL WOR	K ☐ ALTERING CASING ☐
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRI	ILLING OPNS.□ P AND A □
PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMEN	T JOB 🗍
DOWNHOLE COMMINGLE	
_	
OTHER: OTHER: Pres	Sure Test : Tracer
13. Describe proposed or completed operations. (Clearly state all pertinent details, an	
of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Con	
proposed completion or recompletion.	
Attached please find daily reports 3 trace	er.
Titles out out of the	
Spud Date: Unit 20, 1986 Rig Release Date:	
	<u> </u>
I hereby certify that the information above is true and complete to the best of my knowledg	e and helief
Thereby certary that the intermetion above is true and complete to the best of my knowledg	o una bener.
1	
SIGNATURE Andrea Melinan TITLE Regulatory	Analyst DATE 4/24/2013
\mathbf{c}	•
Type or print name Andrea Moli Nar E-mail address: andrea. Moli	nava trimexx PHONE: 7.14.369.5909
For State Use Only A A	
	001
APPROVED BY: Maley Shown Totle Compliance	ESSUE DATE 3/2/2013
Conditions of Approval (if any).	
	2 0012
	MAY 06 2013 T



PERFORATIONS

FUMP-IN TRACER

Company PRIMEXX OPERATING CORP.

Well

COY LOWE #1 SWD

Field

STATE OIL & GAS

County

PRIMERX OPERALING CORP

Company

ite in Number

pth Driller

pe Fluid

cation

corded By

pth Logger

p Log Interval en Hole Size

ne Well Ready

juipment Number

COY LOWE #1 SWD

& GAS

STATE (

Field

LEA

County

Σ Z

State

LEA

State

NM

Location:

Permanent Datum

Log Measured From

Drilling Measured From

RGE ---

API#: 30-023-29705-00-00 Other Services N/A

TWN-13S, R 38-E

SEC. 7

SEC --- TWP ---

G.L.

K.B.

K.B.

38491 Elevation .21' ABV PERM DATUM D.F. N/A

K.B. N/A G.L. 3849'

Elevation

correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. The interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot

and do not guarantee the accuracy

MAY 29, 2012 QNE 12,800' (PBTD:12,326') 12,133 12,132 attom Logged Interval 11,600 N/A WATER ensity / Viscosity N/A ax. Recorded Temp. 148 F timated Cement Top N/A ROA 1:00 P.M. ne Logger on Bottom HU #13

M.BEAIRD itnessed By Tubing Record Borehole Record un Number To Bit From To Size Weight From 2.875" **IPC SURFACE** 12,100'

LEVELLAND, TX

L.ETHRIDGE

sing Record	Size	Wqt/Ft	Тор	Bottom
sing Record rface String				
ot. String oduction String				
duction String	5.5"	15.5#	SURFACE	12,412'
er				*

ALL DEPTHS ARE WIRELINE DEPTHS

LOG WAS CORRELATED TO

SEAT NIPPLE DEPTH OF 11,800'. +28' ADDED DEPTH CORRECTION INJECTION WELL:

SHUT-IN DATE 5/29/2012 HOUR 5:30 PM TOTAL S.I. TIME 1 HR METERED INJ. RATE5 BPM

S.I. PRESS 0 PSI TEMP 137 F FLUID TYPE WATER

TOTAL VOLUME TO DATE

PRESSURE 0 PSI FLUID LEVEL TUBING INJECTING

PRODUCER:

FLOWING

PUMPING

CHOKE SETTING

HOURS PROD.

FLUID LEVEL CSG.

TBG. RATE B∕W

B/O ·

FLUID TYPEWATER

FRAC OR ACID WELLS: TIME FINISHED FRAC OR ACID

ACID %

FLUID - GALS

SAND#

RATE - BPM

PRESSURE

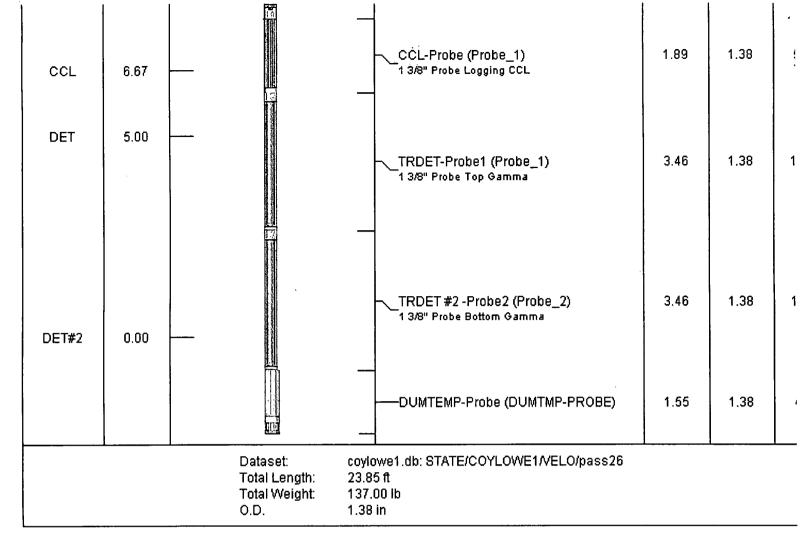
CONCLUSIONS

THIS SURVEY WAS RUN TO DETERMINE THE ZONES OF INJECTION. THERE WAS NO INDICATION OF A PACKER-LEAK, OR UPWARD CHANNEL FROM THE CASING SHOE OR PERFORATIONS.

NOTE: TEMPERATURE SURVEYS, TRACER SURVEY, AND STATIONARY VELOCITY SHOTS INDICATE 100% C INJECTED FLUID MOVING BELOW TOTAL DEPTH LOGGED.

100% CASING RATE: 592 B/D 100% TUBING RATE: 601 B/D

		1.38CHD 1.38 Cable Head	1.00	1.38	
Ī	Constitution of the consti				
		SBAR-1.375" (000) 7' 1.375" Tungsten Sinker Bar	7.00	1.38	6
		SBAR-3' (3) 3' 1 3/8" BAR	3.00	1.38	2



Company:

Well:

File:

C:\Warrior\Data\coylowe1.db

Dataset:

STATE/COYLOWE1/TRACER3/_tracer_/_shottabl_/1

Reference Rate: 598.4 b/d

TRACER RESULTS

#	Depth (ft)	Time	Integration	Flow (%)	Delta (%)	Comment
1	11590.00	15:32:22	47333.00	100.00		
2	11673.00	15:33:20	47333.00	100.00	0.00	
3	11817.00	15:35:03	53800.30	100.00	0.00	
4	11864.00	15:36:18	48565.90	100.00	0.00	
6	11940.00	15:39:00	47333.00	100.00	0.00	
7	11981.00	15:40:23	48117.60	100.00	0.00	
8	12028.00	15:42:05	47333.00	100.00	0.00	
9	12060.00	15:43:12	47343.70	100.00	0.00	
10	12097.00	15:44:30	47333.00	100.00	0.00	
11	12099.00	15:45:38	0.00	0.00	100.00	

VELOCITY FROM TRACER

#	Depth (ft)	Time	D Space (ft)	D Time (sec)	Flow (b/d)	Flow (%)	Delta (b/d) Delta (%)
L-,	11070	1 - 00 00	CO 7E	44.60		66.66	

15	11864	15:36:18	47.50	99.04	567.82	94.89	-54.90	-9.17
16	11940	15:39:00	76.25	150.85	598.43	100.00	-30.61	-5.11
17	11981	15:40:23	40.25	86.27	552.37	92.30	46.06	7.70
18	12028	15:42:05	47.25	101.74	549.82	91.88	2.55	0.43
19	12060	15:43:12	32.75	65.55	591.54	98.85	-41.71	-6.97
20	12097	15:44:30	30.75	85.37	592.86	99.07	-1.33	-0.22
21	12099	15:45:38	0.00	300.00	0.00	0.00	592.86	99.07

Company:

Well:

File: C:\Warrior\Data\coylowe1.db

Dataset: STATE/COYLOWE1/VELO/_tracer_/_shottabl_/1

Reference Rate: 590.9 b/d

VELOCITY RESULTS

#	Depth (ft)	Time	D Space (ft)	D Time (sec)	Csg ID (i	n) Flow (b/d)	Flow (%)	Delta (%)	Comme
26	11550.00	16:36:15	100.00	56.00	2.43	601.50	100.00		TBG DROP (
25	11790.00	16:30:47	5.00	0.00	2.43				PACKER CI
23	11850.00	16:22:45	5.00	2.82	2.43	596.62	100.00	0.00	
22	11950.00	16:21:27	5.00	2.84	2.43	593.02	100.00	0.00	
21	12000.50	16:19:24	5.00	2.84	2.43	592.19	100.00	0.00	
19	12100.00	16:16:29	5.00	2.85	2.43	591.15	100.00	0.00	
18	12120.00	16:15:26	5.00	2.84	2.43	593.23	100.00	0.00	
16	12133.00	16:13:35	5.00	2.85	2.43	590.94	100.00	0.00	
14	12135.00	16:09:19	0.00	300.00	2.43	0.00	0.00	100.00	



COMPOSITE

Database File:

coylowe1.db

Dataset Pathname:

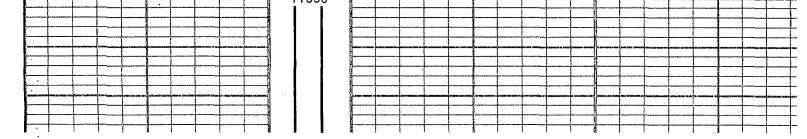
STATE/COYLOWE1/VELO/_compos.2_

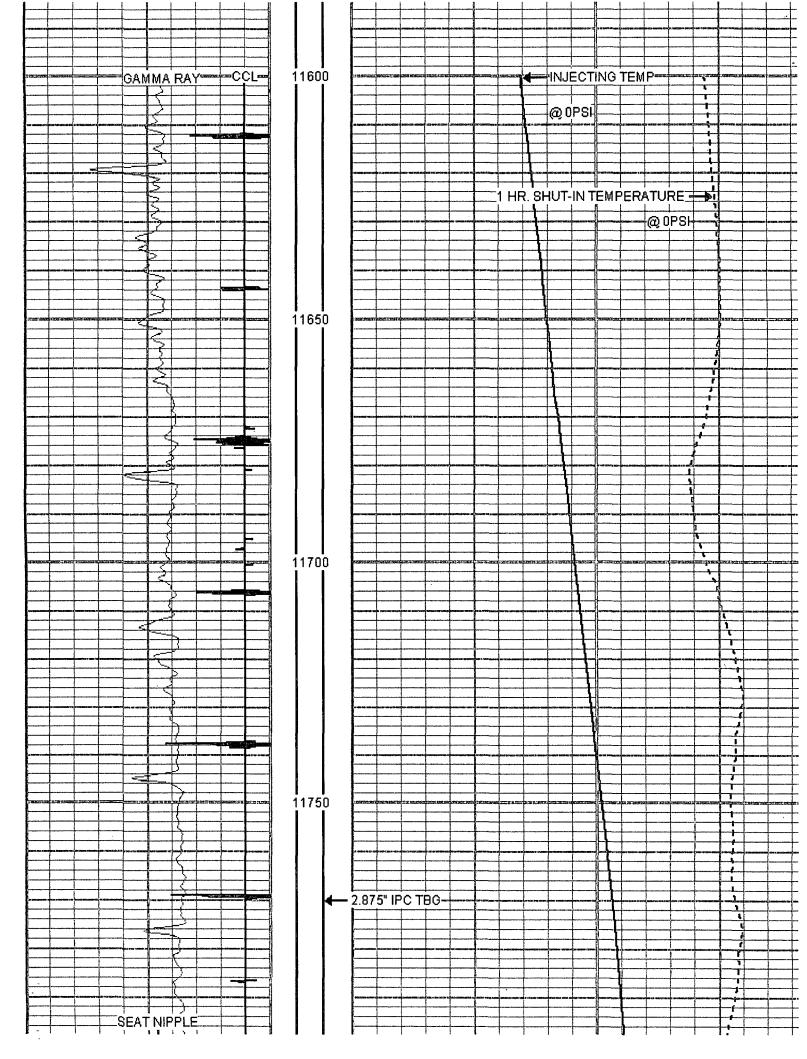
Presentation Format:

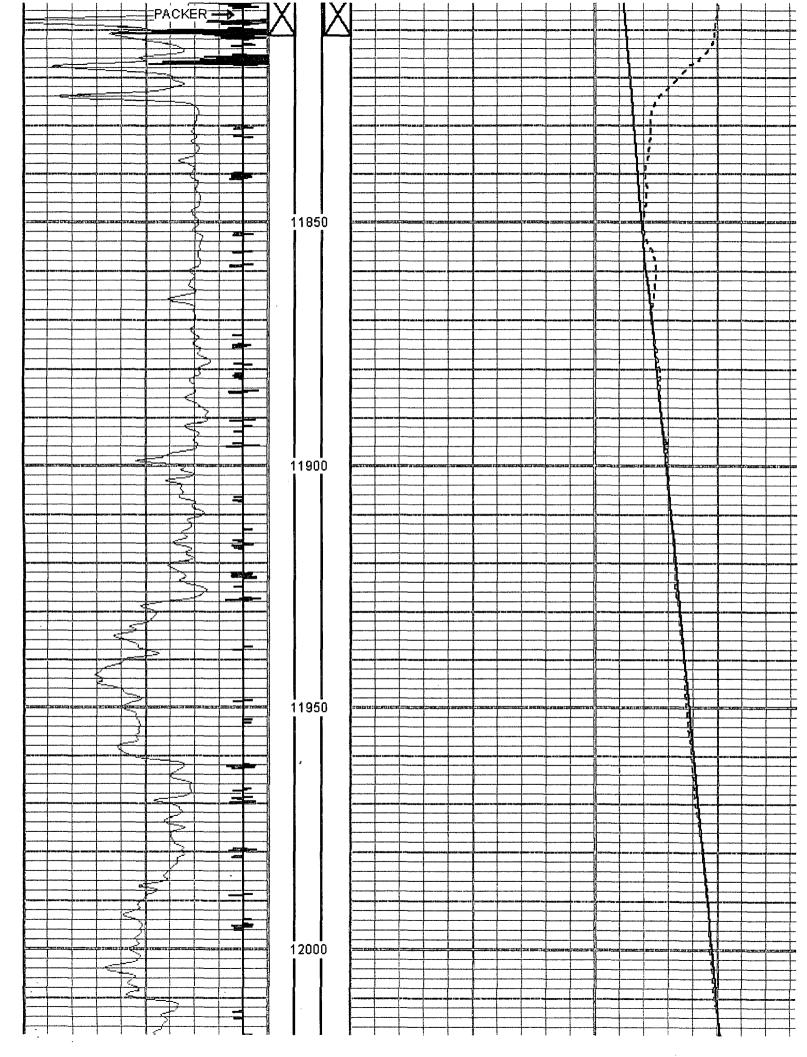
trecomp

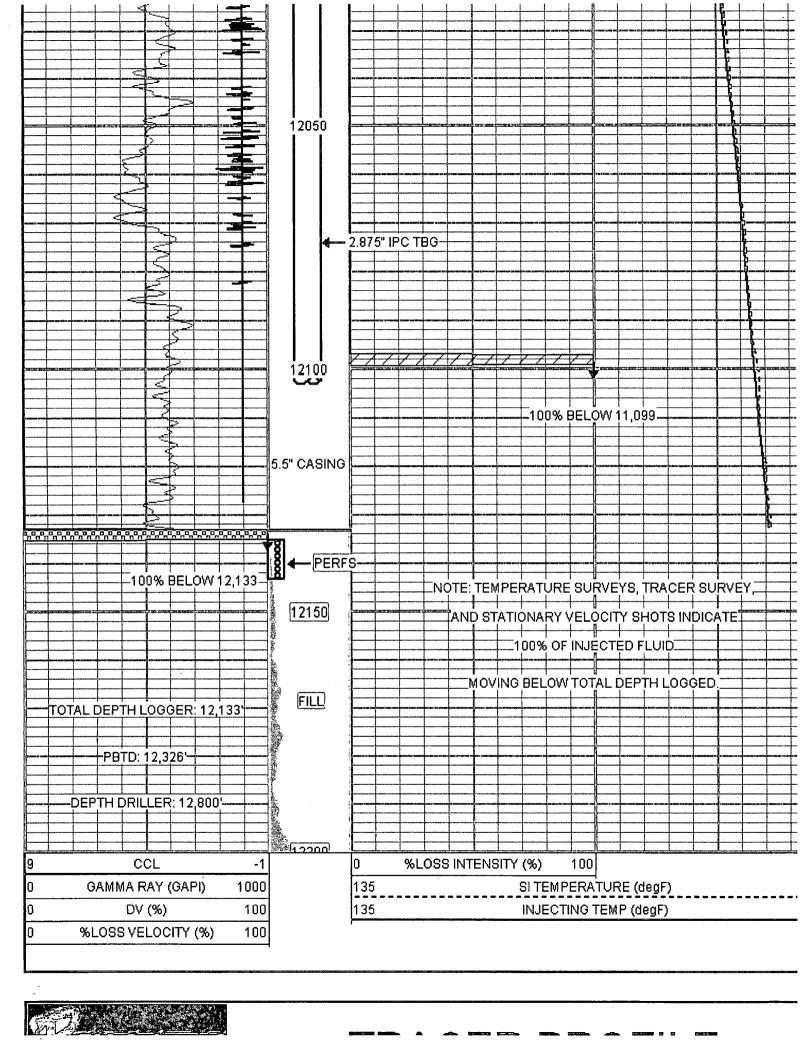
Dataset Creation: Charted by: Tue May 29 18:52:07 2012 Depth in Feet scaled 1:240

9	CCL	-1	0 %LOSS INTENSITY (%) 100
0	GAMMA RAY (GAPI)	1000	135 SI TEMPERATURE (degF)
0	DV (%)	100	135 INJECTING TEMP (degF)
0	%LOSS VELOCITY (%)	100	











Database File:

coylowe1.db

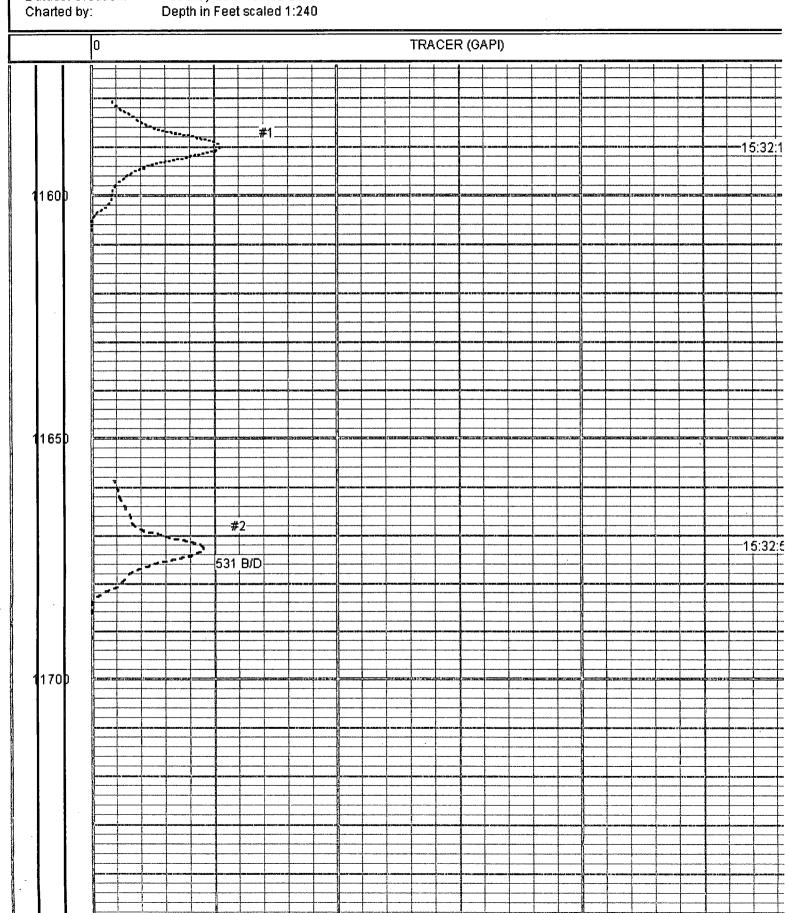
Dataset Pathname:

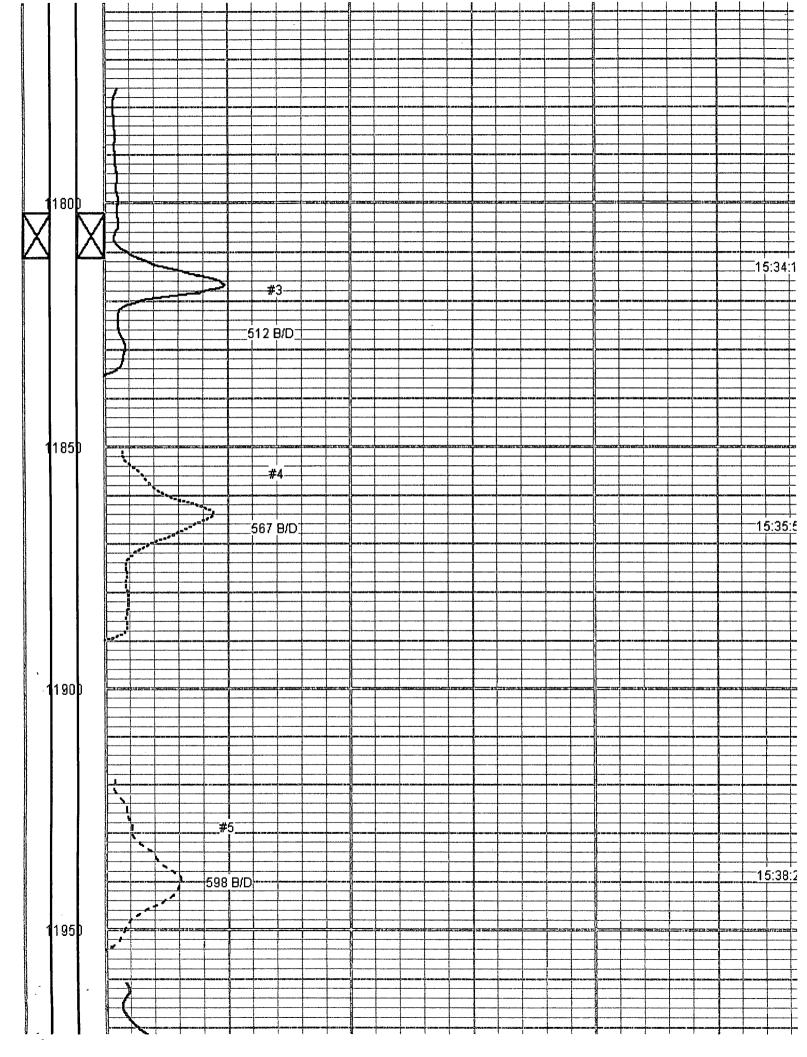
STATE/COYLOWE1/TRACER3/_profile3_

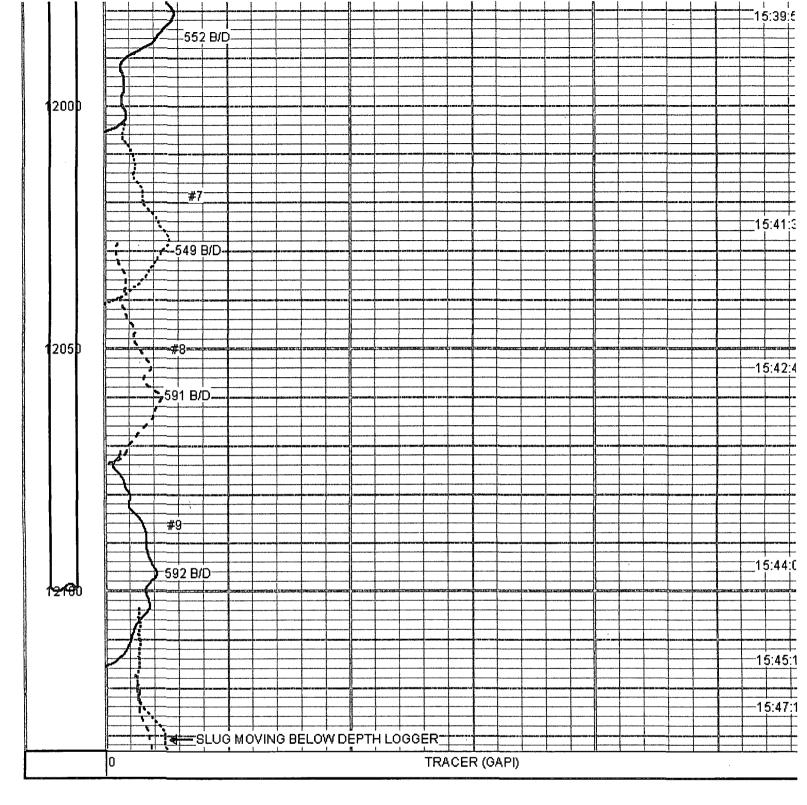
Presentation Format: trcprof

Dataset Creation:

Tue May 29 17:07:32 2012









CHANNEL-UP CHECK

Database File: coylowe1.db

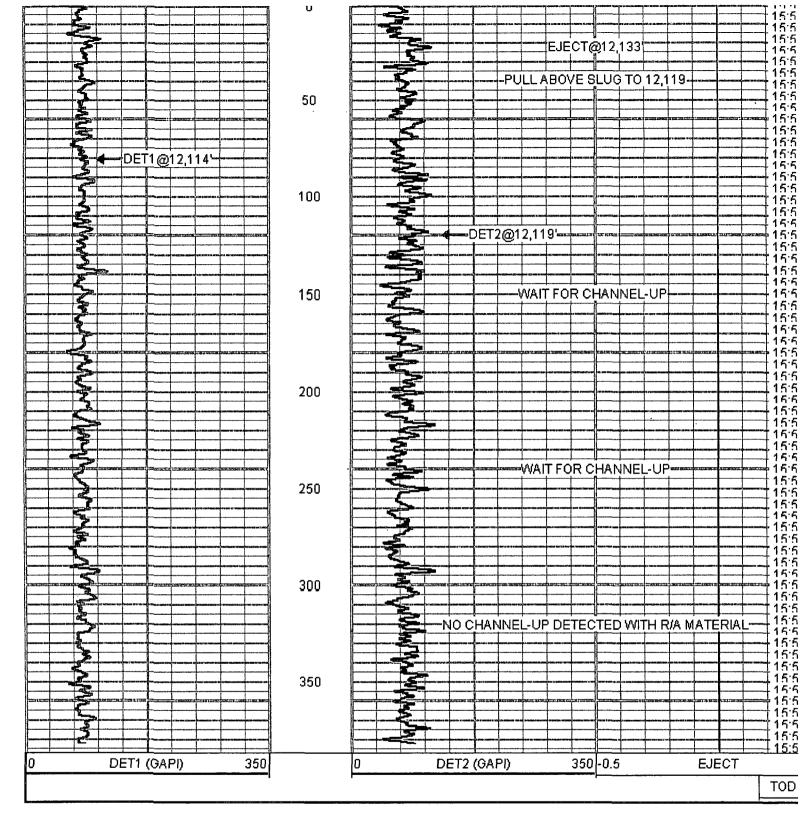
Dataset Pathname: STATE/COYLOWE1/CHUP/pass2

Presentation Format: tracer

Dataset Creation: Tue May 29 15:50:50 2012 by Log SCH 120126

**Charted by: Time scaled 72"/hour

0 DET1 (GAPI) 350 0 DET2 (GAPI) 350 -0.5 EJECT





CHANNEL-UP CHECK 2

Database File:

coylowe1.db

Dataset Pathname:

STATE/COYLOWE1/VELO/pass16

Presentation Format:

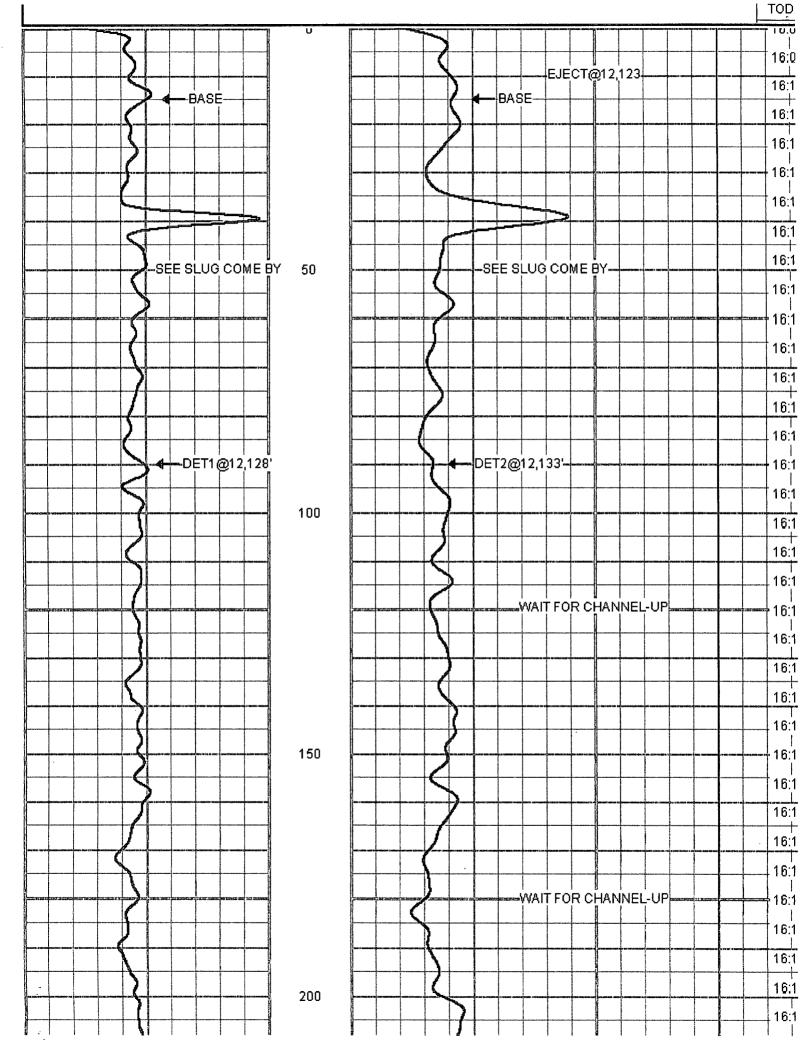
tracer

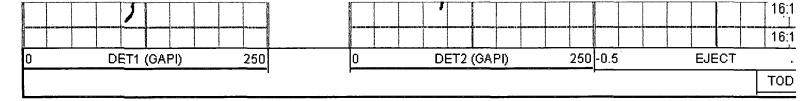
Dataset Creation:

Tue May 29 16:09:51 2012 by Log SCH 120126

Charted by:

Time scaled 180"/hour







PACKER CHECK

EJECT

TOD 10.2

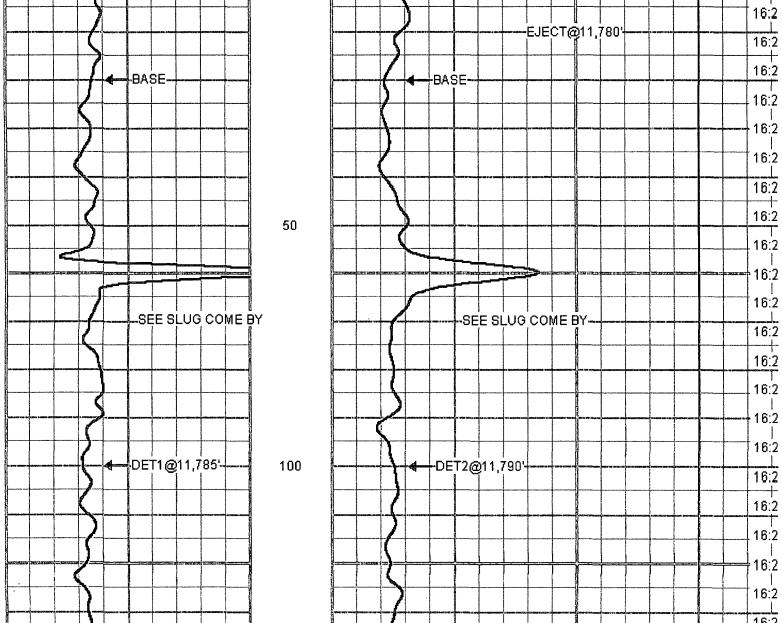
Database File:

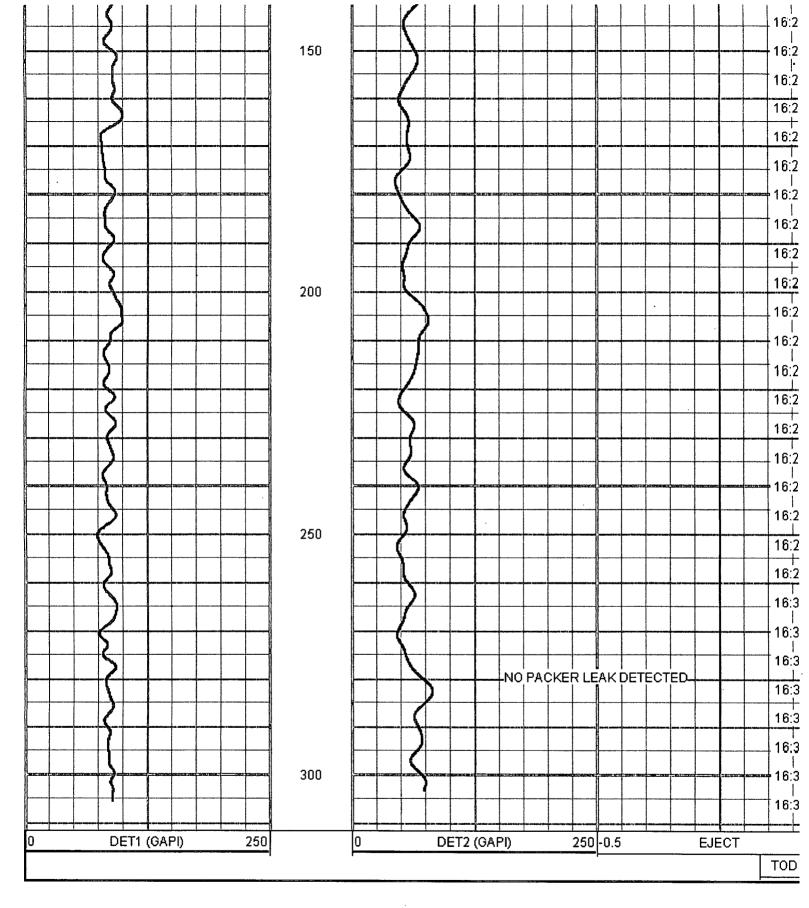
coylowe1.db

Dataset Pathname: Presentation Format: STATE/COYLOWE1/VELO/pass25

Dataset Creation:

Tue May 29 16:25:35 2012 by Log SCH 120126 Charted by: Time scaled 180"/hour 250 -0.5 DET1 (GAPI) 0 0 250 DET2 (GAPI)







Company Well Field PRIMEXX OPERATING CORP.
COY LOWE#1 SWD
STATE OIL & GAS
LEA

County L



Well: Coy Lowe #1 SWD

AFE: 5-2012 Coy Lowe AFE

Operator: Primexx Operating Corp

HOBBS OCD

APR 2 9 2013

Completion / Workover Report

Field:

County/Parish/State: Lea/NM

Contractor:

Date: 5/22/2012

RECEIVED

PBTD: 12,326'

Well Service Co.:

TOC: Surf On Tubing/ 8620'

Present Operations: Clear TBG with Coil

KB:

Casing Size, Wt. Gr.: 5-1/2" 17# 20# N-80

Casing Drift:

Casing Dir

Csg. set @: 12,412

Perforations: 9700' to 12,278

Liner Size, Wt. Gr.:

Liner set @:

Liner Drift:

Top of Liner:

Amount of Overlap:

Tbg. Size, Wt. Gr.: 2-7/8" PIC 6.5# L-80

Tubing set @: 12,225'

SN ID: 2.25"

No. Jets.: SN set @: Pkr. set @: Pump Desc.:

TAC set @:

Rod Desc.:

CIBG Type: Cast Iron (permanent)

CIBG Setting Depth:

Detail of Operations

Hours: 14.0

Perforation Wolfcamp, Atoka, Devonian Upper, Devonian Lower 9700' to 12,412'

8:00 am On location with Pumper, Arc Pressure Data Flow back, Baker Hughes Tool Hand, Waiting on Coil Tubing Unit Baker Hughes.

8:15 am Routsabout on location to change out master valve.

9:00 am Baker Hughes Coil Tubing Unit on location and rigging up, 9:05 call and talk to E.L Gonzales with NMOCD 575 393 6161 ext 114 he ask me to contact Maxie Brown NMOCD call at 9:10 am gave him a update on the job.

11:30 am Baker Hughes rig up, ARC flow back rig up, frac tank full 2% KCL and H2S Scavenger, 15 min safety meeting with evey one on location by Baker Hughes.

12:00 am Tested line coil tugbing to 1500 psi, tested flow back lines to 1000 psi tested Baker Hughes pump line to 5000 psi, fix a few leaks test all good.

12:30 pm Started in the hole with coil tubing with jet wash tip went down to 3000' started pumping in well with 300 psi nitroden and 1 bpm fluid from frac tank, down to 4800' pull back up to 4700' no drag did not set down on anything, at 5170' got returns (fluid level), wash down to 10,883' stack out pick up to 10,783' run back down to 10,883' went right through down to 12,120' with well head pressure at 104 psi and good returns.

3:30 pm Circulated bottom up.

4:00 pm Started out of the hole with coil tubing.

7:00 pm Out of the hole with coil tubing, nipple down well head.

8:00 pm Well secured, SDON, will run plug down to 12,100' set test then do H-5 and drill plug out and run pump in tracer 5/23/12.

Co.Rep. Mike Beaird, No Acc.

Daily WO/Comp Costs: \$34,350.00

Cum WO/Comp Costs: \$34,350.00

Cum Well Costs: \$34,350.00

Cost	Amount	Cost	Amount
SUPERVISION-FIELD	\$350.00		
EQUIPMENT RENTAL	\$27,000.00		
EQUIPMENT RENTAL	\$2,000.00		
WATER PURCHASE	\$5,000.00		
			,
,			

Well: Coy Lowe #1 SWD

AFE: 5-2012 Coy Lowe AFE

Operator: Primexx Operating Corp

Completion / Workover Report

Field:

County/Parish/State: Lea/NM

Contractor:

Date: 5/23/2012

PBTD: 12,326'

Well Service Co.: Baker Hughes Coil

Present Operations: Clear TBG with Coil

KB:

Casing Size, Wt. Gr.: 5-1/2" 17# 20# N-80

Casing Drift:

Csg. set @: 12,412

TOC: Surf On Tubing/ 8620'

Perforations: 9700' to 12,278

Liner Size, Wt. Gr.:

Liner set @:

Liner Drift:

Top of Liner:

Amount of Overlap:

Tbg. Size, Wt. Gr.: 2-7/8" PIC 6.5# L-80

Tubing set @: 12,225'

No. Jets.:

Pkr. set @:

SN ID: 2.25"

SN set @: 11,800'

Pump Desc.:

TAC set @:

Rod Desc.:

CIBG Type: Cast Iron (permanent)

CIBG Setting Depth:

Detail of Operations

Hours: 21.0

8:00 am On location with Baker Hughes Coil Tubing hands, waiting on Renegade Wire Line to run composite plug.

9:00 am Renegade on location rig up did not have gauge ring on truck to run, wait on gauge ring, 15 min safety metting.

9:30 am Renegade pick up gauge ring , open master valve 350 psi on well at surface, run in with gauge ring 2.125" would not go past 133' pull out of the rig down Renegade.

10:30 am. Nipple up coil tubing unit wash down to 1000' pull out, nipple down coil tubing unit, rig up wire line run in hole would not go pasted 133' pull out of hole rig down wire line.

1:00 pm Pick up mud motor and 2.25" mill slick OD, nipple up coil tubing unit wash and reamed to 11,800' hard metal S/N drill on it for over hr pull out of hole to run composite plug.

9:30 pm Started out of hole with coil tubing.

12:00 pm Out of the hole with mill, nipple down coil tubing unit, rigged up Renegade run in the composite plug.

2:00 am. Wire line stop at 4518' work for a bit could not get past 4536', started out of the hole with plug dragging up 1000' after that point potrouble

4:00 am Rig down Renegade wire line, close master valve.

4:30 am. Well secured, shut down so every one could get alittle rest, will start back in the hole at 8 am with 2.258" mill.

Co.Rep. Mike Beaird, No Acc

Daily WO/Comp Costs: \$116,350.00

Cum WO/Comp Costs: **\$150,700.00**

7 6

Cum Well Costs: \$150,700.00

\$350.00		
\$2,500.00		
\$8,500.00		
\$20,000.00		
\$85,000.00		
		, , , , , , , , , , , , , , , , , , ,
	\$20,000.00	\$8,500.00 \$20,000.00

Well: Coy Lowe #1 SWD

AFE: 5-2012 Coy Lowe AFE

Operator: Primexx Operating Corp

Completion / Workover Report

Field:

County/Parish/State: Lea/NM

Contractor:

Date: 5/24/2012

PBTD: 12,326'

Well Service Co.: Baker Hughes Coil

Present Operations: Clear Tbg/Set Plug

KB:

Casing Size, Wt. Gr.: 5-1/2" 17# 20# N-80

Casing Drift:

Csg. set @: 12,412

TOC: Surf On Tubing/ 8620'

Perforations: 9700' to 12,278

Liner Size, Wt. Gr.:

Liner set @:

Liner Drift:

Top of Liner:

TAC set @:

Amount of Overlap:

Tbg. Size, Wt. Gr.: 2-7/8" PIC 6.5# L-80

Tubing set @: 12,225'

No. Jets.:

Rod Desc.:

Pkr. set @: Plug set 11,613'

SN ID: 2.25"

SN set @: 11,800'

Pump Desc.:

CIBG Setting Depth:

Detail of Operations

Hours: 20.0

7:00 am On location with Baker Hughes Ser unit, change bit from 2.25" to 2.258" bit, 15 min safety meeting.

8:00 am Nippl up coil tubing unit.

9:00 am Started in the hole washing and reaming.

CIBG Type: Cast Iron (permanent)

1:00 pm Down to 11,604' stack out, drill on that spot for 1 hr stop making hole, Call Maxie Brown NMOCD ask were I could set plug, He call me back sad I could set plug at 11,575' up 11550' would be good.

2:00 pm Started out of the hole at 11,604'.

4:30 pm At surface with bit pump 54 bbls at bpm to help clear tubing.

5:30 pm Nipple down coil tubing unit, Rigged up Renegade wire line and run in with plug.

8:00 pm Set plug at 11,612', pull up drop back down tag plug it set, pull out of the with wire line slow.

10:30 pm Nipple up coil tubing unit fill hole 3/4 bpm, circulated 15 min.

12:00 pm. Pressure up on plug to 450 psi held for 20 min good, open well up let air work out on nite, well call NMOCD at 9 am to set up H-5.

12:30 am Well secured, SDON.

Co.Rep. Mike Beaird, No Acc

Daily WO/Comp Costs: \$92,850.00 Cum WO/Comp Costs: \$196,550.00 Cum Well Costs: \$196,550.00

Cost	Amount	Cost	Amount
SUPERVISION-FIELD	\$350.00		
EQUIPMENT RENTAL	\$70,000.00		
EQUIPMENT RENTAL	\$20,000.00		
WATER PURCHASE	\$2,500.00		
	·		

Completion / Workover Report

Well: Coy Lowe #1 SWD

County/Parish/State: Lea/NM

AFE: 5-2012 Coy Lowe AFE

Contractor:

Operator: Primexx Operating Corp

Date: 5/25/2012

Field:

PBTD: 12,326'

Well Service Co.: Baker Hughes Coil

TOC: Surf On Tubing/ 8620'

Present Operations: MIT For 5 yrs/ Drlg Plug

KB:

Casing Drift:

Casing Size, Wt. Gr.: 5-1/2" 17# 20# N-80

Csg. set @: 12,412

Perforations: 9700' to 12,278

Liner Size, Wt. Gr.:

Liner set @:

Liner Drift:

Top of Liner:

Amount of Overlap:

Tbg. Size, Wt. Gr.: 2-7/8" PIC 6.5# L-80

Tubing set @: 12,225'

No Jets.:

Pkr. set @: Plug set 11,613'

SN ID: 2.25"

SN set @: 11,800'

Pump Desc.:

TAC set @:

Rod Desc.:

CIBG Type: Cast Iron (permanent)

CIBG Setting Depth:

Detail of Operations

Hours: 20.0

Amount

10:30 am On location with Baker Hughes coil tubing hands and Baker Hughes Tool hand with Arc Pressure Data flow back, wait on Maxie Brown with NMOCD, and Gandy pump truck.

12:30 pm Maxie Brown NMOCD on location, wait on Gandy pump truck to do MIT.

2:00 pm Gandy on location, rig up on tubing, loaded well with 2bbls, pressure up to 560 psi started MIT on chart held pressure for 31 min, well pasted MIT is good for 5 more yr, rig down Gandy and released, Maxie Brown singed chart.

3:00 pm. Pick up mud motor and bit 2.1/8" mill, Nipple up coil tubing unit, 15 min safety meeting.

4:00 pm Started in the hole with, tag plug at 11,670' coil tubing depth.

7:00 pm Drilling on plug at 11,670', drill plug and plastic off tubing down to 12,120'.

2:00 am TD at 12,120' well on vaccum, pull out of hole with mud motor and 2-1/8" mill,

4:00 am Bit at surface, Close master valve.

Cost

4:30 am Crew shut down to get some rest before rigging down.

Co.Rep. Mike Beaird, No Acc

Cum WO/Comp Costs: \$198,800.00 Daily WO/Comp Costs: \$2,250.00 Cum Well Costs: \$198.800.00

Amount

Cost	Amount
SUPERVISION-FIELD	\$350.00
WATER PURCHASE	\$1,900.00
EQUIPMENT RENTAL	\$0.00
EQUIPMENT RENTAL	\$0.00
·	

Cost	Amount

Cost

Well: Coy Lowe #1 SWD

AFE: 5-2012 Coy Lowe AFE

Operator: Primexx Operating Corp

Completion / Workover Report

Field:

County/Parish/State: Lea/NM

Contractor:

Date: 5/29/2012

PBTD: 12,326'

Well Service Co.: Baker Hughes Coil

Present Operations: Pump in Trace

KB: 21'

Casing Size, Wt. Gr.: 5-1/2" 17# 20# N-80

Casing Drift:

Csg. set @: 12,412

TOC: Surf On Tubing/ 8620'

Perforations: 9700' to 12,278

Liner Size, Wt. Gr.:

Liner set @:

Liner Drift:

Top of Liner:

Emor Bine.

100012....

Amount of Overlap:

Tbg. Size, Wt. Gr.: 2-7/8" PIC 6.5# L-80

Tubing set @: 12,100' SN ID: 2.25" No. Jets.:

SN set @: 11,800'

Pkr. set @: Plug set 11,613'

TAC set @:

Rod Desc.:

Pump Desc.:

CIBG Type: Cast Iron (permanent)

CIBG Setting Depth:

Detail of Operations

Hours: 13.0

10:00 am Renegade on location, loaded tool and rigged up.

11:30 am Run in hole with Tracer tool.

5:00 pm Out of the hole with wire line, Tracer shows all fluid 100% going out end of tubing, no cross flow, No fluid going around packer or up bask side of tubing, S/N at 11,800' + Packer set at 11,802', EOT at 12,100' Perforation at 12,135' to 12,143' and 12,278' to 12,288' in the Devonian.

5:30 pm Nipple up well head to injection line from pump, Pump would not start call electrician, change fuse.

6:30 pm. Got pump started actuator valve close, blow actuator valve in pieces.

7:30 pm Injection pump down, fine new valve.

Daily WO/Comp Costs: \$13,894.75

Cum WO/Comp Costs: \$367,332.58

Cum Well Costs: \$367,332.58

Cost	Amount	Cost	Amount
SUPERVISION-FIELD	\$350.00		
WIRELINE SERVICES	\$12,344.75		
WATER PURCHASE	\$1,200.00		