Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

WELL API NO.
30-015-21485

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-6583

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
ARTESIA STATE UNIT

1. Type of Well: Oil Well ☐ Gas Well ☐ Other Injection Well ☒

8. Well Number 102

2. Name of Operator
Alamo Permian Resources, LLC

9. OGRID Number
274841

3. Address of Operator
415 W. Wall Street, Suite 500, Midland, TX 79701

10. Pool name or Wildcat
Artesia; Queen-Grayburg-San Andres

4. Well Location
Unit Letter O : 1310 feet from the S line and 1435 feet from the E line
Section 14 Township 18S Range 27E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: CLEAN OUT, ADD PERFS, ACIDIZE ☒		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SEE ATTACHED

- OPERATOR IS REQUIRED TO NOTIFY ADJACENT OPERATORS AND ADVERTISE ABOUT THE ADDITON OF THE PERFS.
- "CASING LEAK OFF" MUST BE REPAIRED.

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 17 2014
RECEIVED

- WORK DONE PRIOR TO APROVAL BY THE OCD.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Carie Stoker TITLE **Regulatory Affairs Coordinator** DATE 10/15/2014

Type or print name **CARIE STOKER** E-mail address: **carie@stokeroilfield.com** PHONE: **432.664.7659**

APPROVED BY: Richard Inge TITLE Compliance Officer DATE 11/18/14
Conditions of Approval (if any):

ALAMO PERMIAN RESOURCES, LLC

ARTESIA STATE UNIT #102 WIW
CLEAN-OUT, ADD PERFS, & ACIDIZE PROCEDURE

1. MIRU PU & BOP's. Be sure well is dead and blown down. If well tries to flow back – flow well back either into water truck(s) if flowback is weak, or via temporary poly line to Artesia State Unit Water Station inlet tank, if flowback appears to be strong. In either case, take flowback to Artesia State Unit Water Station inlet water tank.

2. **THIS WELL HAS 4-1/2" 10.5# J-55 PRODUCTION CASING.**
We will need to use the 2-3/8" workstring for this workover.

We have never pulled this well since its acquisition from CBS Operating Corp. in 2010.
We have been able to inject water into this WIW up until the present – hopefully, we will not have as much trouble cleaning the wellbore out as we did with the ASU #502 & ASU #902 WIW's.

Based on the other Artesia State Unit WIW's – we can most probably expect to find a great deal of hard black scale, sand, paraffin, iron sulfide, salt, etc. filling the wellbore, covering most of the injection perfs.

NOTE:

- The last recorded workover on this well was a pulling job by CBS Operating from May 30, 2008 to June 3, 2008. The ASU #102 WIW had failed its scheduled MIT and the well was pulled to determine the problem. **SEE ATTACHED COPY OF MORNING REPORTS, FIELD RIG NOTES, AND TOOL SCHEMATIC OF THE PACKERS & TOOLS RUN IN THE HOLE.**

- A small casing leak off was isolated between 1,501' and 1,533' using a packer & RBP.

- This Casing Leak Off was then isolated from the MIT testing interval by running a 3-1/2" IPC tubing "Liner" between 2 4-1/2"x3-1/2" Plug Packers (aka Vent Packers) with the top Plug Pkr set @ 1,448' and the Bottom Plug Pkr set @ 1,533', and then a S/N and a SLAD-1 Packer set @ 1,559'.

- These Plug Packers isolated the Casing Leak Off interval from 1,501'-1,533' from the MIT test interval and the well was pressure-tested to 500 psig for 1 hour – successfully passed the MIT and was returned to Injection Service.

- In this Workover, we will be expanding the Injection Interval in the ASU #102 WIW to include the Penrose SS 1,394'-1,404' – which is above the Casing Leak Off interval from 1,501'-1,533'. This leak off interval will now be within our overall Injection Interval in this well – eliminating the need to isolate it in the future.

- We will, however, during this Workover be careful to avoid any pressuring up over this Casing Leak Off interval (1,501'-1,533') during any of our pressure tests or Acid Job stimulations in order to prevent this leak off area from being any worse.

PROVIDE A DETAILED TALLY & DESCRIPTION OF TUBING, INJECTION PACKER AND ANY OTHER DOWNHOLE EQUIPMENT PULLED FROM THIS WELL IN THE MORNING REPORT FOR OUR RECORDS.

Visually inspect Injection Tubing & Injection Packer coming out of hole. Send Injection Packer in for Repair/Replacement depending on condition.

Current Perforations: 1,655' – 1,835' (183' Overall interval) – 31' of perforations (62 perfs).
Planned New Perforations: **1,394' – 1,865' (471' Overall interval) – 62' of perforations (124 perfs).**
Total Perfs after W/O: **1,394' – 1,865' (471' Overall Interval) – 62' of perforations (186 perfs).**

See Wellbore Diagram for perforations detail – updated 08/12/2014.

3. Run in hole with a 3-1/2" mill tooth skirted rock bit and 4-1/2" rotating casing scraper on 2-3/8" workstring and clean out wellbore to PBTD at +/- 1,993'. Catch samples of any material recovered from well and send to Tech Management for analysis. Note any bridges or hard streaks in report. While at TD, circulate hole clean using clean produced water from Artesia State Unit or WAGU Water Injection Station. POOH with bit and scraper.

   REMEMBER: Paraffin has been encountered in offset wells. If excessive paraffin is encountered, pour 10 gal of diesel down tubing and cut paraffin from tubing string with paraffin knife – pouring additional 5 gal diesel down tubing every knife run, or circulate well with hot water & paraffin solvent chemicals to clean paraffin out of tubing string. Paraffin, iron sulfide, sand, rust, and scale have been recovered in many of these old wells while cleaning out to bottom.

4. RU **Warrior Energy Service Corp.** logging company and run cased-hole GRN/CCL log for perforating correlation from PBTD at +/- 1,993' to base of Surface Casing at 329'.

   Log should show porosity based on Sandstone Matrix, Dolomite Matrix, & Limestone Matrix.

   Email log directly from wellsite to **BOTH**: Pat Seale at pseale@alamoresources.com and Tom Fekete at jordanrubicon@msn.com.

   We will review GRN/CCL log and perfs for correlation to old GRN/CCL log run on 03/19/1974, prior to perforating.

5. Perforate the **ARTESIA STATE UNIT #102 WIW** well over the following **10 intervals** using 3-1/8" Hollow-Carrier slick perforating guns with 19-grain charges:

Interval No.	Perf Interval Top	Bottom	No. of Ft	SPF	No. of Perfs	Zone
1	**1,394'**	**1,404'**	10'	2	20	**QN – Penrose SS**
2	**1,654'**	**1,660'**	6'	2	12	**QN – Loco Hills SS**
3	**1,664'**	**1,670'**	6'	2	12	**QN – Loco Hills SS**
4	**1,728'**	**1,731'**	3'	2	6	**GB – Upper Grayburg**
5	**1,758'**	**1,764'**	6'	2	12	**GB – Metex**
6	**1,768'**	**1,776'**	8'	2	16	**GB – Metex**
7	**1,784'**	**1,790'**	6'	2	12	**GB – Metex**
8	**1,800'**	**1,806'**	6'	2	12	**GB – Metex**
9	**1,828'**	**1,836'**	8'	2	16	**GB – Metex**
10	**1,862'**	**1,865'**	3'	2	6	**GB – Metex**
TOTALS			**62'**		**124 Perfs**	

6. **Acidize LOCO HILLS, UPPER GRAYBURG, & METEX Perforated Intervals from 1,654'- 1,865':**
   - **211' Overall;**
   - **52' of perforations**
   - **166 perforations (104 New + 62 Old perfs)**

in 4 Stages using Rock Salt for Diversion of acid during Job.

Acid Job Total:

- **8,500 gal 15% NEFE HCl (202.4 Bbls)**
- **163.5 gal/ft of perfs**
- **51.2 gal/perf)**

with acid booster, anti-sludge, paraffin solvent, scale inhibitor, and demulsifiers, **pumped at 5.0-6.0 BPM.**

- Run in hole with Treating Packer on 2-3/8" workstring with Retrievable Bridge Plug setting tool and RBP below packer.
- Set Retrievable Bridge Plug at approximately **1,900'**.
- Set Treating Packer at approximately **1,600'**.

Acidize the perforations in 4 Stages using Rock Salt as diverting agent between Stages:

STAGE 1: **SPOT 145 gal 15% NEFE HCl (3.1 bbls)** across Perfs from 1,654'-1,865' (211') inside the 4-1/2" 10.5# production casing in the well.

Pick up Retrievable Packer and Set at approx. **1,600'**.

ACIDIZE STAGE 1 with a total of 3,400 gal 15% NEFE HCl (81.0 bbls) + additives, increasing pump rate after breakdown to 5.0-6.0 BPM.

PUMP 400# ROCK SALT in Artesia State Unit or WAGU produced water as Diverting Agent between Stage 1 and Stage 2.

STAGE 2: **PUMP 2,500 gal 15% NEFE HCl ACID (59.5 bbls) + additives at 5.0-6.0 BPM.**

PUMP 400# ROCK SALT in Artesia State Unit or WAGU produced water as Diverting Agent between Stage 2 and Stage 3.

STAGE 3: **PUMP 1,300 gal 15% NEFE HCl ACID (31.0 bbls) + additives at 5.0-6.0 BPM.**

PUMP 400# ROCK SALT in Artesia State Unit or WAGU produced water as Diverting Agent between Stage 3 and Stage 4.

STAGE 4: **PUMP 1,300 gal 15% NEFE HCl ACID (31.0 bbls) + additives at 5.0-6.0 BPM.**

Pump +/- 10.0 Bbls **Fresh Water** to displace acid to bottom of perforations at **1,865'**.

Shut-in well and record Shut-In Pressures: Initial Shut-in; 5-minute S/I; 10-minute S/I; & 15-minute S/I.

Leave well Shut-in for 4 hours for acid to spend.

Flow back well into vacuum trucks until it lays down and dies. If well flows back more than 2 truck loads of water – hook up well to line and flowback to Artesia State Unit Water Station until it dies.

Release Treating Packer and unseat Retrievable Bridge Plug.

Re-Set Retrievable Bridge Plug at approximately **1,450'**.

7. **Acidize new PENROSE SANDSTONE perfs from 1,394' – 1,404':**
   - **10' Overall;**
   - **10' of perforations**
   - **:0 perfs**

   Acid Job Total:

   - **1,500 gal 15% NEFE HCl (35.7 Bbls)**
   - **150.0 gal/ft of perfs**
   - **75.0 gal/perf)**

   with acid booster, anti-sludge, paraffin solvent, scale inhibitor, and demulsifiers, **pumped at 5.0-6.0 BPM.**

   Re-Set Retrievable Bridge Plug at approximately **1,450'**.

   Set Treating Packer at approximately **1,350'**.

   Spot 2.0 Bbls of 15% NEFE HCL plus additives across Penrose Perfs (1304'-1,404') – Pull up & reverse out tubing – Set Treating Packer at approximately 1,350'.

   Pump a total of **1,500 gal 15% NEFE HCl plus additives** down tubing at **5-6 BPM** after acid is on perfs and perfs have broken down.

   Pump +/- 6.3 Bbls **Fresh Water** to displace acid to bottom of perforations at 1,394'. Shut-in well and record Shut-In Pressures: Initial Shut-in; 5-minute S/I; 10-minute S/I; & 15-minute S/I.

   Shut well in 4 hours for acid to spend.

8. Open well up to flow back into vacuum trucks on location initially. Take the first 2 truckloads of flow back to commercial disposal site. If well should continue to flow back – tie well in to flow back to the Artesia State Unit Water Station inlet tank until it dies. May need to put pulling unit rig on standby during these flowback times in order to keep workover costs down.

9. Release Retrievable Treating Packer, go down and retrieve RBP & POOH with RBP, packer, and workstring. Have water truck on hand to kill well if it tries to come in during trip.

10. Trip in hole with 2-3/8" workstring with muleshoe on bottom & tag for fill to **PBTD**. Circulate hole clean with water truck using **Fresh Water** at least **at least 2 times around in order to dissolve rock salt**. POOH with workstring and muleshoe.

11. Run in hole with 2-3/8" internally plastic-coated injection tubing & 4-1/2"x2-3/8" Baker Model AD-1 tension Injection Packer.

    Pressure test tubing to 5,000 psig while going in hole.

12. Pump & circulate approx. 50 Bbls of packer fluid into tbg/csg annulus – get clear returns.

    Set Baker Model AD-1 tension Injection Packer at a depth of approximately **1,340'.**

    PACKER MUST BE SET WITHIN 100' OF THE TOP INJECTION PERF AT 1,394' – NMOCD RULES.

13. ND BOP and NU injection wellhead.

BE SURE TO REPLACE MASTER VALVE & TREE CAP VALVE WITH 2" FULL-OPENING BALL VALVES ON INJECTION WELLHEAD ASSEMBLY.

14. Pressure up on tubing/casing annulus to 500 psig with pressure recorder chart on pump truck. Hold and record pressure for 30 minutes for MIT. Have NMOCD REPRESENTATIVE on-site as a WITNESS for the MIT IF POSSIBLE. If not available, have chart to send to NMOCD.

15. Run Injection Test on well using produced water from Artesia State Unit or WAGU Water Station and pump truck. Have pressure chart recorder on truck for test. **Pump 15 Bbls produced water into well at each of the following rates, allowing pump in pressure to stabilize before going to next rate**. Record pump-in rates, volumes pumped, initial pressure, and final pressure for each Test Rate.

    DO NOT EXCEED 1,500 psig pumping pressure during test – if 1,500 psig is reached do not attempt next rate.

    Test Rates:
    - 0.25 BPM
    - 0.50 BPM
    - 0.75 BPM
    - 1.00 BPM
    - 1.50 BPM
    - 2.00 BPM

16. Once NMOCD approves MIT test run, hook well up to injection line and begin water injection.

H. Patrick Seale
October 12, 2014

ALAMO PERMIAN RESOURCES, LLC

WELLBORE DIAGRAM

Lease/Well No.: **ARTESIA STATE UNIT #102 WIW** ELEVATION, GL: 3,490 ft

Location: 1,310' FSL & 1,435' FEL
UL: O, SEC: 14, T: 18-S, R:27-E FIELD: **ARTESIA: QN-GB-SA**
EDDY County, NM

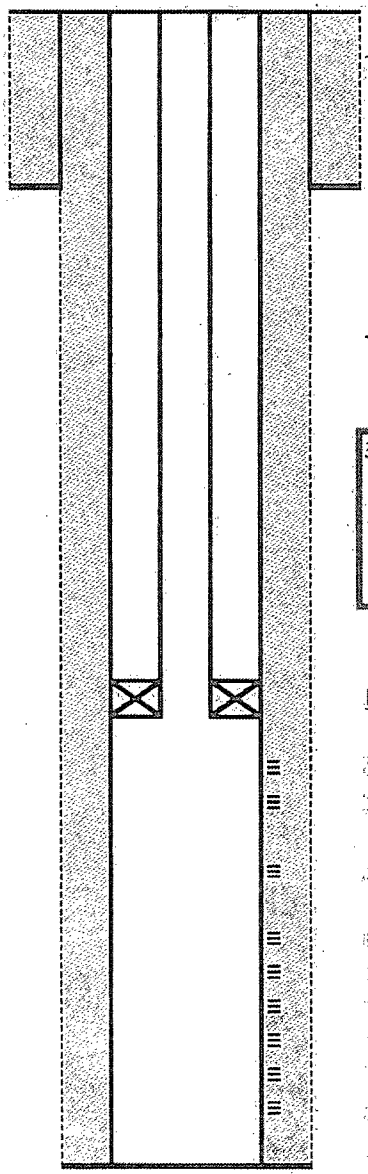
LEASE No.: State B-6583 Spudded: 3/15/1975

API No. : **30-015-21485** Drlg Stopped: 3/19/1975

Completed: 8/29/1975

ROTARY DRLG RIG LAT:

LONG:



12-1/4" HOLE

Surface Csg:
8-5/8" 24# J-55
Csg Set @ 329'
Cmt'd w/ 210 sx
+ 5 sx Redi-Mix

7-7/8" HOLE

Production Csg:
4-1/2" 10.5# J-55
Csg Set @ 1,993'
Cmt'd w/ 670 sx

TOC @ Surface
Topped off

329' Csg

TOC @ Surface
Circulated 90 sx

TOPS (TEF)	DEPTH, ft
YATES	
SEVEN RIVERS	
PENROSE	1,384
LOCO HILLS	1,653
GRAYBURG	1,674
METEX	1,757
PREMIER	1,874
SAN ANDRES	1,932

3-1/2" LINER Run in JUNE 2008 to Isolate Small Casing Leak between 1,501' & 1,533'. 75' of 3-1/2" IPC "Liner" run on end of 2-3/8" IPC Injection Tubing between 2 - 4-1/2"x3-1/2" Plug Pkrs (Vent Pkrs) - Top Plug Pkr @ 1,448' & Bottom Plug Pkr @ 1,533' - with S/N and SLAD-1 Packer set at 1,539'.

PERFS:	Zone	SPF - # Holes	Date
1655 - 1660'	QN - Loco Hills	5' 2 spf - 10 holes	08/29/75
1665 - 1669'	QN - Loco Hills	4' 2 spf - 8 holes	08/29/75
1728 - 1731'	GB - Upper GB	3' 2 spf - 6 holes	08/29/75
1761 - 1764'	GB - Metex	3' 2 spf - 6 holes	08/29/75
1768 - 1771'	GB - Metex	3' 2 spf - 6 holes	08/29/75
1786 - 1790'	GB - Metex	4' 2 spf - 8 holes	08/29/75
1802 - 1806'	GB - Metex	4' 2 spf - 8 holes	08/29/75
1828 - 1831'	GB - Metex	3' 2 spf - 6 holes	08/29/75
1833 - 1835'	GB - Metex	2' 2 spf - 4 holes	08/29/75
1,993' Csg	*TOTALS:*	*31' -- 62 holes*	
1,993' PBTD			
2,010' TD			

Drilled by ANADARKO PROD. CO. as the Artesia State Unit Tract 1, Well #2 WIW.
Initial Water Injection: 08-29-1975.

* ACTUAL CUM WI 05/31/2014 = 968.589 MBWI (NMOCD WELL HISTORY).

Cumulative Prod. (05/31/14):

OIL	2.292	MBO
GAS	0.000	MMCF
WATER	0.967	MBW
INJECT.	91.366*	MBW

HPS: 08/12/2014

ARTESIA STATE UNIT #102 WIW

WELL PERFORATION, ACID JOB, FRAC JOB, & WELL TEST DETAILS

PERFS			ACID JOB(S)			FRAC JOB(S)						INITIAL POTENTIAL TEST			
TOP	BOTTOM	ZONE	DATE	ACID GALS	ACID TYPE	DATE	FRAC FLUID GALS	FLUID TYPE	SAND LBS	SAND SIZE	REMARKS	TEST DATE	OIL BOPD	GAS MCFD	WATER BWPD
1,665	1,660	QN-Loco Hills	8/29/1975	504	15% HCl						18 perfs				
1,665	1,669	QN-Loco Hills									*28.0 gal/perf*				
											9 ft of perfs				
											56.0 gal/ft				
1,728	1,731	GB-Upper GB	8/29/1975	252	15% HCl						6 perfs				
											42.0 gal/perf				
											3 ft of perfs				
											84.0 gal/ft				
1,761	1,764	GB-Metex	8/29/1975	1,008	15% HCl						28 perfs				
1,768	1,771	GB-Metex									*36.0 gal/perf*				
1,786	1,790	GB-Metex													
1,802	1,806	GB-Metex									14 ft of perfs				
											72.0 gal/ft				
1,828	1,831	GB-Metex	8/29/1975	252	15% HCl						10 perfs				
1,833	1,835	GB-Metex									*25.2 gal/perf*				
											5 ft of perfs				
											50.4 gal/ft				

1/4

ARTESIA STATE UNIT WELL NO. 1-2
1310' FSL & 1435' FEL
UL O SEC. 14 T18S R273
EDDY COUNTY, NM
API NO. 30-015-21485

LAST WORKOVER ON WELL
CBS OPERATING CORP.
MAY 30 - JUNE 3, 2008

May 30, 2008
MI & RU Reliable Well Service. Set BOP. Released packer and POH with 5 jts. tubing. Install bull plug on bottom joint, RIH with tubing and tested to 3500 psi, tested good. POH with tubing, laid down 5 jts. Removed BOP. Circulated 45 bbls. packer fluid. Set SL packer @ 1533'. Ran MIT test, did not test. Released packer, pull up hole and test. Set packer, locked off. Pulled one jt. tubing and pressured up on casing, did not hold. Shut down overnight.

June 2, 2008
Released packer, set BOP. POH with SL packer. Picked up RBP and packer. Set RBP @ 1533' and packer at 1501'. Pressured up on RBP, would not test. Reset RBP at 1501' and packer at 1499'. Tested RBP, tested good. Hooked up to casing, tested good. Released packer and RBP and POH. Shut down overnight.

June 3, 2008
Picked up packer and 3 jts. 3-1/2" vent packer. Start in hole and stuck at 350' from surface. Pumped 5 bbls. packer fluid down casing. Air in casing. RIH with tubing. Removed BOP, circulated packer fluid. Set packer and tested casing 500 psi for one hour, okay for MIT pressure test. Shut down overnight.

June 4, 2008
Rigged down and moved out.

Total cost $16,000

2/4

SUBJECT: Artesia State #102
Reliable Well Service

DATE: 5/30/08

~~Lock~~
J-Lock packer out
~~1760~~

Top perf 1655
Bottom perf 1835

~~[illegible]~~ 1522

Tubing out 55
Tubing in 50

Packer at 1539 SL pack
bottom Vent pack at 1533
Top vent pack at 1448

5/30/08

Rigged up, set B.O.P. Released packer, came out of the hole with 5 joint. Put bull plug on bottom joint. Went in the hole with tubing + tested to 3,500.00 PSI. Tested good. Came out of the hole with tubing. Layed down 5 joint. Removed B.O.P, circulated 4.5 bbls of packer fluid. Set SL packer at 1533 ran MIT test, did not test. Released packer, came up the hole 1 foot. Set packer, leaked off. Pulled 1 joint + pressured up on casing. Did not hold. S/D

4000.00

6/2/08

Released packer, set B.O.P. Came out of the hole with SL packer. Picked up RBP + packer. Set RBP at 1533 + packer at 1501. Pressured up on RBP would not test. Went down got RBP + set at 1501. Set packer at 1499, tested RBP tested good. Hooked up to casing, tested good. Released packer went + got RBP. Came out of the hole. S/D

3100.00

6/3/08

Picked up packer 3 joint of 3½ + vent packer. Started in the hole + got stuck 350 feet from surface. Pumped 5 bbls of packer fluid down the casing. Got air out casing, went in the hole with rest of tubing. Removed B.O.P, circulated packer fluid. Set packer ran MIT pressure test S/D

Total 16,000.00

6/4/08

Rigged down + moved off

3710 S. FM 303 (806) 229-2087
Sundown, TX 79372

KENCO OIL TOOLS

410 East Main (505) 748-1372
Artesia, NM 88210-2173

3/A

Date 6/3/2008

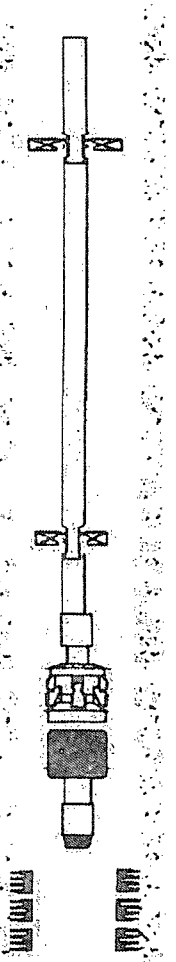
Company	CBS OIL & GAS	Company Man		
Well Name	ARTESIA STATE 1 #2 #102 WIW	Csg. Size & Wt.	4 1/2	10.5

Job Description
6-2-08 RIH W/ PKR & PLUG, HOLE @ 1501-1533', POH W/ PKR & PLUG.
6-3-08 RIH W/ PLUG PKRS 75' W/ S/N & SLAD-1 BELOW TUBING
PKR @ 1539' BOTTOM PLUG PKR @ 1533, TOP PKR @ 1448'
CIRCULATE PKR FLUID, TEST 500#-30MINS. GOOD

Directions 206 TO DUKE PLANT 2ND RD T/R STAY ON MAIN RD OVER HILL TO LOCATION

Tool Type No. 1	[2] 4 1/2 PLUG PKRS	Tool Length	% Tool
Tool Type No. 2	4 1/2 13-20#x2 3/8 rbp w/ b-valve	KB	X/O
Tool Type No. 3	4 1/2-13-20# x 2 3/8 as1-x	KBC	Tbg. Grade J-55
Tool Type No. 4		SN	Tbg. Size 2.375

Services	Description	Cost		
Service Man	6-2-08-6-4-08	$ 1,100.00	Jts. On Loc.	55
Mileage $1.25/m	30MI. R/T X 2	$ 75.00	Jts. In	50
			TOP PLUG PKR	1448'
SALE	[2] 4 1/2 X 3 1/2 PLUG PKRS[PLASTIC COATED]	$ 2,400.00		
SALE	[2] MACHINED 2 3/8 COLLARS	$ 120.00	Jts. Out	5
rental	4 1/2 x 2 3/8 as1-x	$ 900.00	[3] JTS	
rental	4 1/2 13-20# x 2 3/8 rbp w/ b-valve	$ 900.00	1/2 BETWEE PLUG PKRS	75'
			Tbg. Tally	
			S.N.	
			BOTTOM PLUG PKR	1533'
	Sub Total	$ 5,495.00	Btm Pkr.	
	6.8125% Tax	$ 374.35		
	Total	$ 5,869.35	[SL] PKR	1539'



Comments		New Perfs	
		Old Perfs	
Billing Invoice #			
Serviceman	THOMAS EZELL	TD	
Company Rep.	0	PBTD	
Sign			
AFE #		DV/T	

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Artesia State Unit #102

Form C-103
May 27, 2004

4/4

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

S

WELL API NO.	30-015-21485
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-6583

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name	Artesia State Unit Tr 1
1. Type of Well: Oil Well ☐ Gas Well ☐ Other	Water Injection
8. Well Number	2
2. Name of Operator	CBS Operating Corp.
9. OGRID Number	216852
3. Address of Operator	P O Box 2236, Midland TX 79702
10. Pool name or Wildcat	Artesia Qn GB SA

JUL -9 2008
OCD-ARTESIA

4. Well Location
Unit Letter O : 1310 feet from the south line and 1435 feet from the east line
Section 14 Township 18S Range 27E NMPM Eddy County NM

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3490' GL

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type ____ Depth to Groundwater ____ Distance from nearest fresh water well ____ Distance from nearest surface water ____
Pit Liner Thickness: ____ mil Below-Grade Tank: Volume ____ bbls Construction Material ____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: MIT ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

6-30-2008 - MI & RU Reliable Well Service. TOH with packer and PC injection tubing.
Pick up packer and plug. RIH and test. Found small leak between 1501' and 1533'. TOH.
Pick up 3 jts. 3-1/2" plastic coated liner. RIH with isolation packers and liner plus injection packer on bottom. Set top of liner with vent packer @ 1448' and bottom of liner with vent packer @ 1533'. Circulate hole with packer fluid. Set permanent injection packer @ 1539'.
Called NMOCD for MIT. Held 500# on casing for one hour, held okay. Original chart delivered to NMOCD.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE M.A. Sirgo III TITLE Engineer DATE 7-7-08

Type or print name M.A. Sirgo, III E-mail address: mastres@aol.com Telephone No. 432/685-0878

For State Use Only

APPROVED BY: Richard Ingus TITLE Compliance Officer DATE 7/10/08

Conditions of Approval (if any):

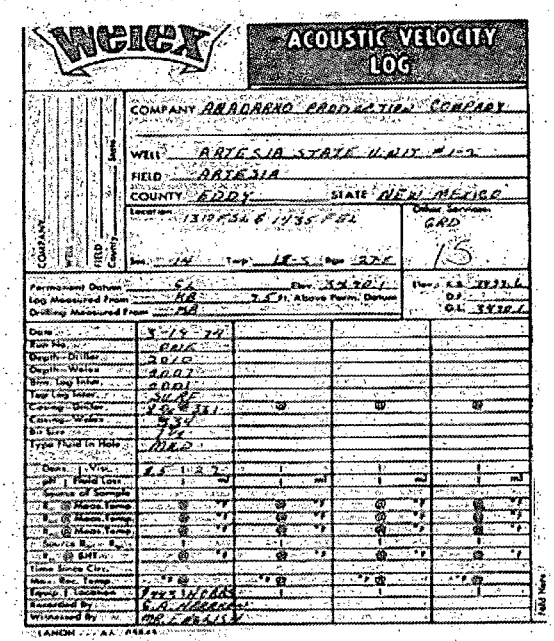
Artesia State #102

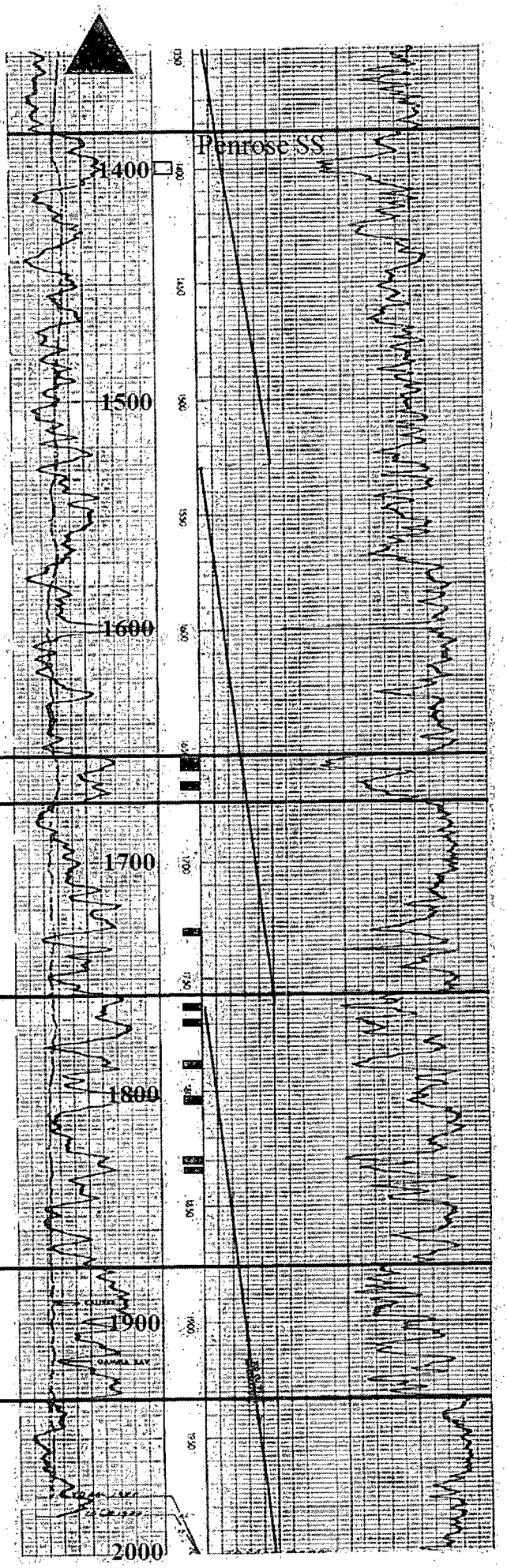
30-015-21485

T-18-S, R-27-E, Sec. 14

1310' FSL & 1435' FEL

Reference Elevation = 3500'



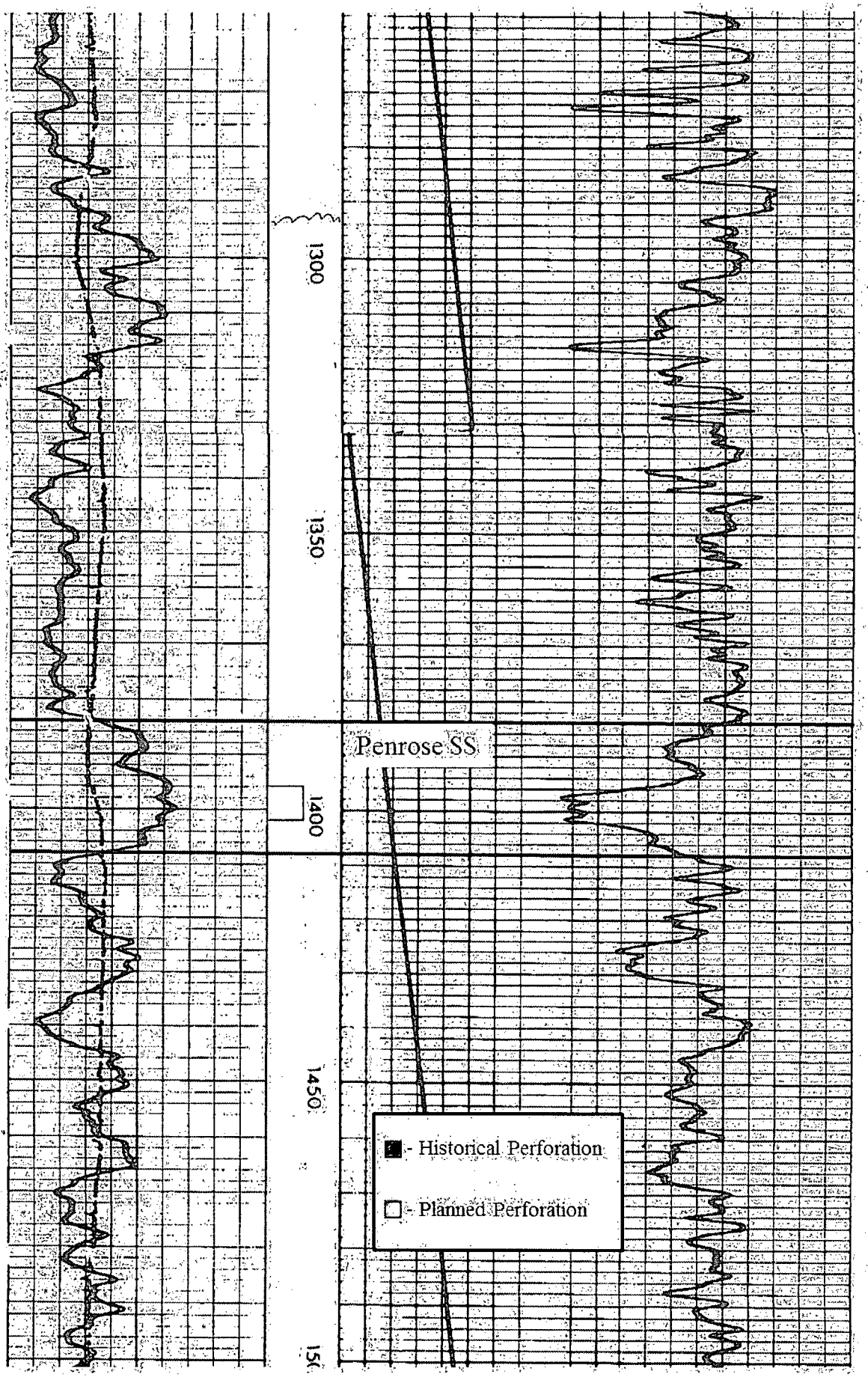


■ - Historical Perforation

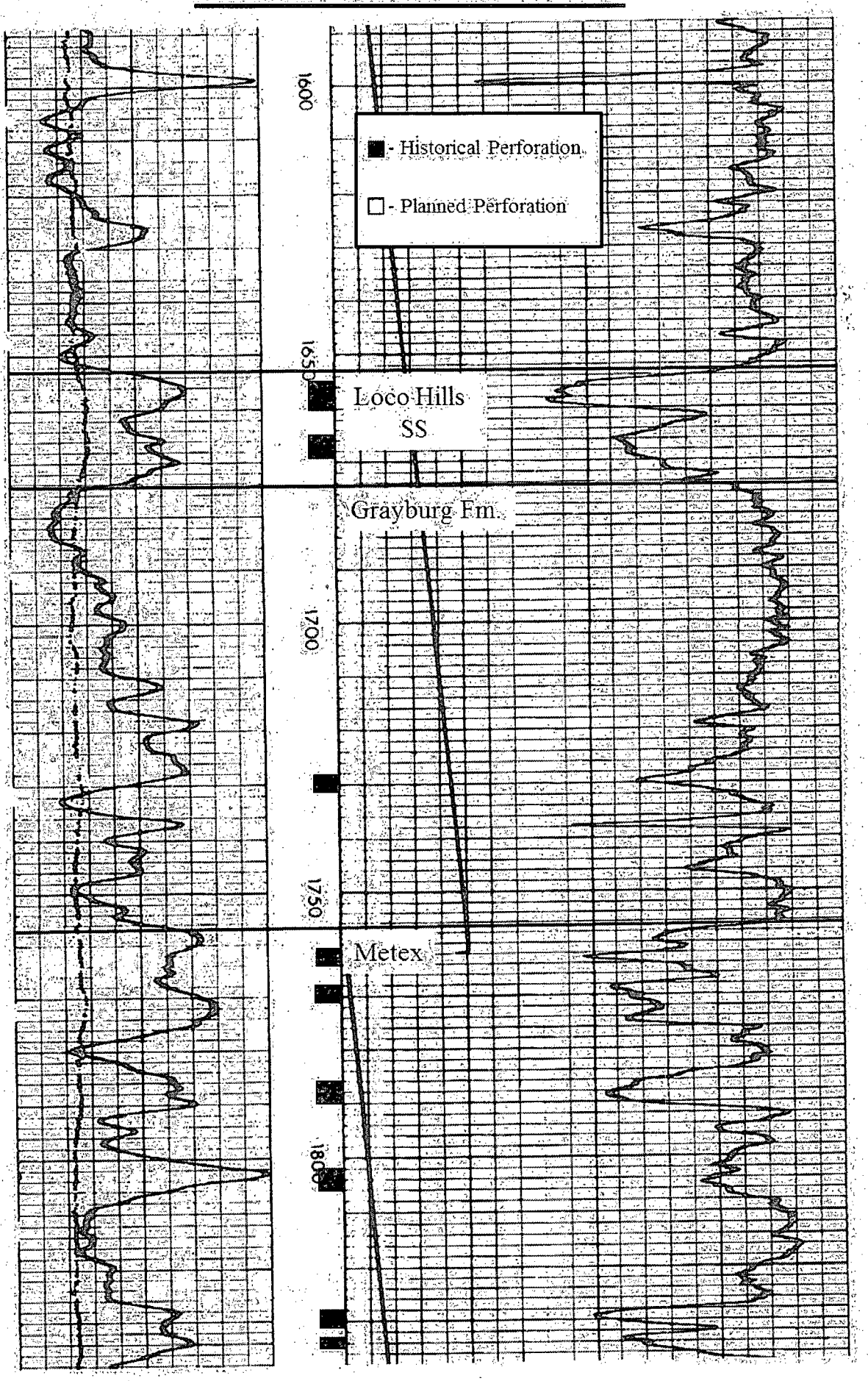
□ - Planned Perforation

(7/7/2014)

Artesia State #102 WIW



Artesia State #102 WIW



Artesia State #102 WIW