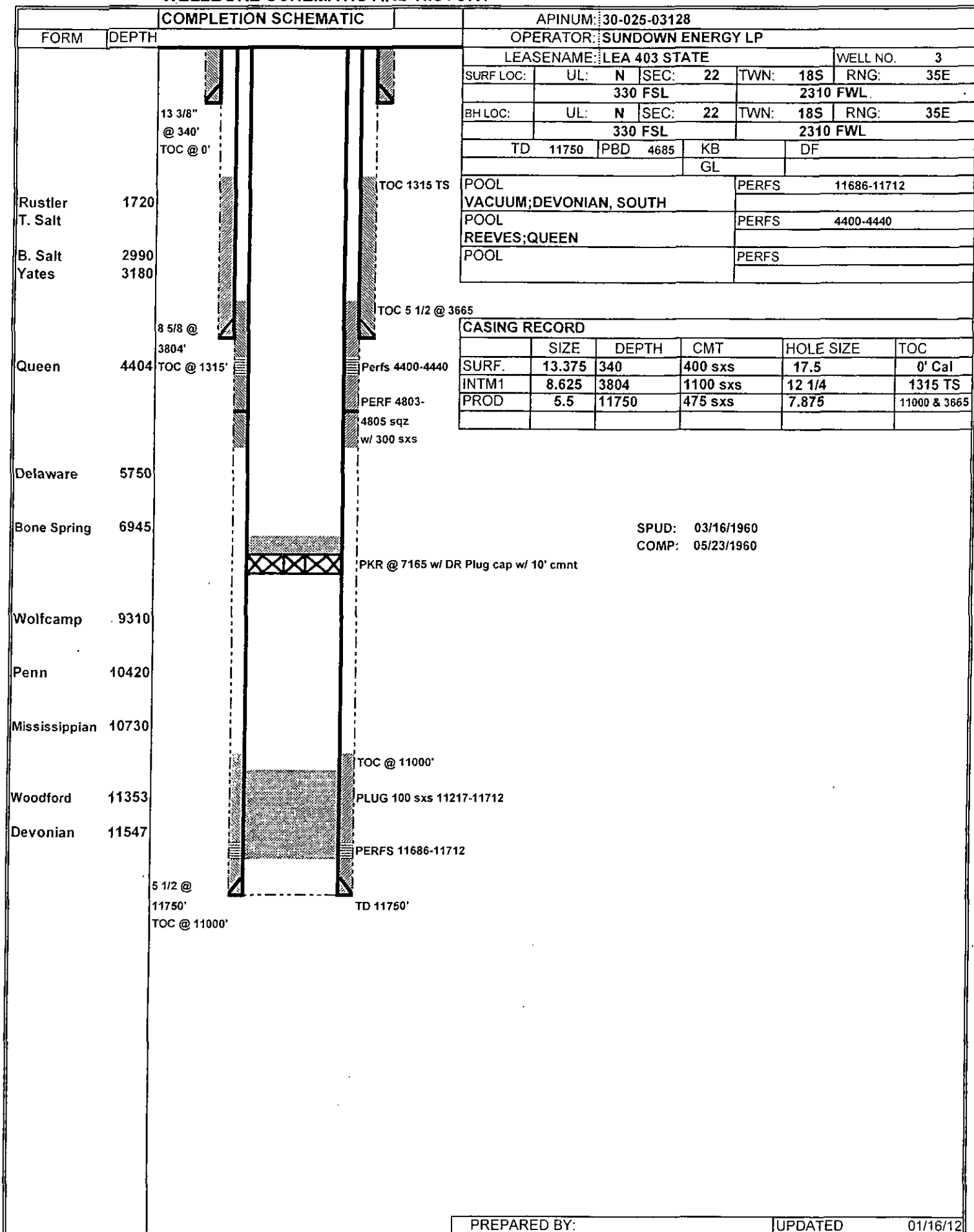


WELLBORE SCHEMATIC AND HISTORY

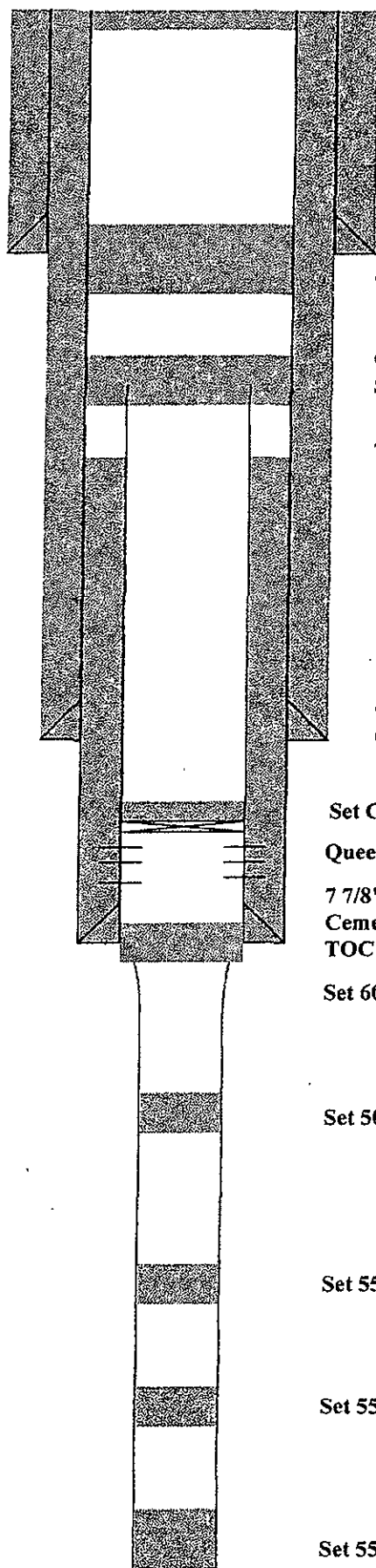
COMPLETION SCHEMATIC		APINUM: 30-025-03127																																	
FORM	DEPTH	OPERATOR: SUNDOWN ENERGY LP																																	
13 3/8" @ 332' TOC @ 0' Rustler T. Salt 1450 B. Salt Yates 2970 3164 9 5/8 @ 4000' TOC @ 460' Queen 4412 4 1/2 @ 4567' TOC @ 0' Delaware 5780 Bone Spring 6970 Wolfcamp 9940 Penn 10636 Mississippian 11086 Devonian 11938 PERFS 4432-4450 PBD 4556' PLUG 30 sxs 5891-6008 PLUG 125 sxs 7068-7275 PLUG 30 sxs 8321-8400 PLUG 25 sxs 11913-11978 TD 11978'		LEASENAME: LEA 403 STATE WELL NO. 2 SURF LOC: UL: M SEC: 22 TWN: 18S RNG: 35E 660 FSL 660 FWL BH LOC: UL: M SEC: 22 TWN: 18S RNG: 35E 660 FSL 660 FWL TD 11978 PBD 4556 KB DF GL POOL REEVES;QUEEN PERFS 4432-4450 POOL PERFS POOL PERFS																																	
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">CASING RECORD</th> </tr> <tr> <th></th> <th>SIZE</th> <th>DEPTH</th> <th>CMT</th> <th>HOLE SIZE</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>SURF.</td> <td>13.375</td> <td>332</td> <td>400 sxs</td> <td>17.5</td> <td>0' CIRC</td> </tr> <tr> <td>INTM1</td> <td>9.625</td> <td>4000</td> <td>1650 sxs</td> <td>12.25</td> <td>460</td> </tr> <tr> <td>PROD</td> <td>4.5</td> <td>4567</td> <td>1280</td> <td>8.75</td> <td>0' CIRC</td> </tr> </tbody> </table>				CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF.	13.375	332	400 sxs	17.5	0' CIRC	INTM1	9.625	4000	1650 sxs	12.25	460	PROD	4.5	4567	1280	8.75	0' CIRC
		CASING RECORD																																	
			SIZE	DEPTH	CMT	HOLE SIZE	TOC																												
		SURF.	13.375	332	400 sxs	17.5	0' CIRC																												
		INTM1	9.625	4000	1650 sxs	12.25	460																												
		PROD	4.5	4567	1280	8.75	0' CIRC																												
		SPUD: 05/02/1958 COMP: 08/01/1958 P&A: 08/08/1958 Re-entry: 01/17/1990																																	
		PREPARED BY: _____																																	
		UPDATED: 01/16/12																																	

WELLBORE SCHEMATIC AND HISTORY



Current Wellbore Configuration

Sundown Energy, LP
Arco 28 State No. 1
API No. 30-025-29340
660' FNL & 660' FEL (Unit A)
Section 28, T-18 South, R-35 East, NMPM



10 Sx. surface

17 1/2" Hole; Set 13 3/8" J-55 Csg @ 490'
Cemented w/475 Sx.
Cement circulated to surface

Set 40 sx. cement plug 341'-525'

Cut & pulled 4 1/2" casing @ 1,375'
Set 25 sx. cement stub plug 1,290'-1,425'

TOC @ 1,750' by T.S.

11" Hole; Set 8 5/8" K-55 csg @ 3,910'
Cemented w/1700 sx.
Cement circulated to surface

Set CIBP @ 4,400' w/25 sx. cement on top

Queen Perforations: 4,472'-4,488'

7 7/8" Hole; Set 4 1/2" K-55 csg @ 4,652'
Cemented w/480 sx.
TOC @ 1,750 by T.S.

Set 60 Sx. cement plug @ 4,652'-4,743'

Set 50 Sx. cement plug @ 5,542'

Set 55 Sx. cement plug @ 7,114'

Set 55 Sx. cement plug @ 8,784'

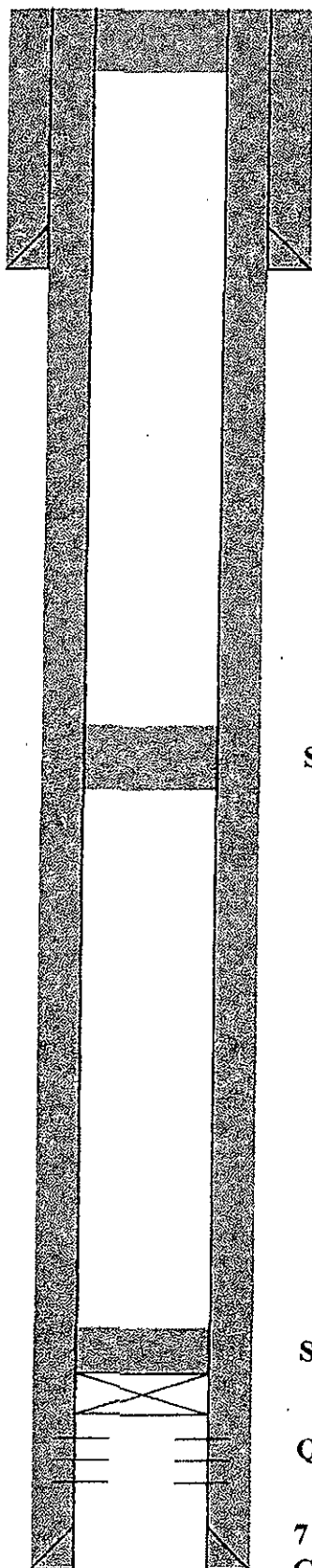
Set 55 Sx. cement plug @ 9,865'

T.D. 10,300'

Drilled: 7/1985

Plugged: 5/1997

Current Wellbore Configuration



Set 25 sx. cement
plug 147'-Surface

11" Hole; Set 8 5/8" K-55 csg. @ 475'
Cemented w/300 sx.
Cement circulated to surface

Set 25 sx. cement plug 1,620'-1,760'

Set CIBP @ 4,400' w/25 sx. cement on top

Queen Perforations: 4,480'-4,483'

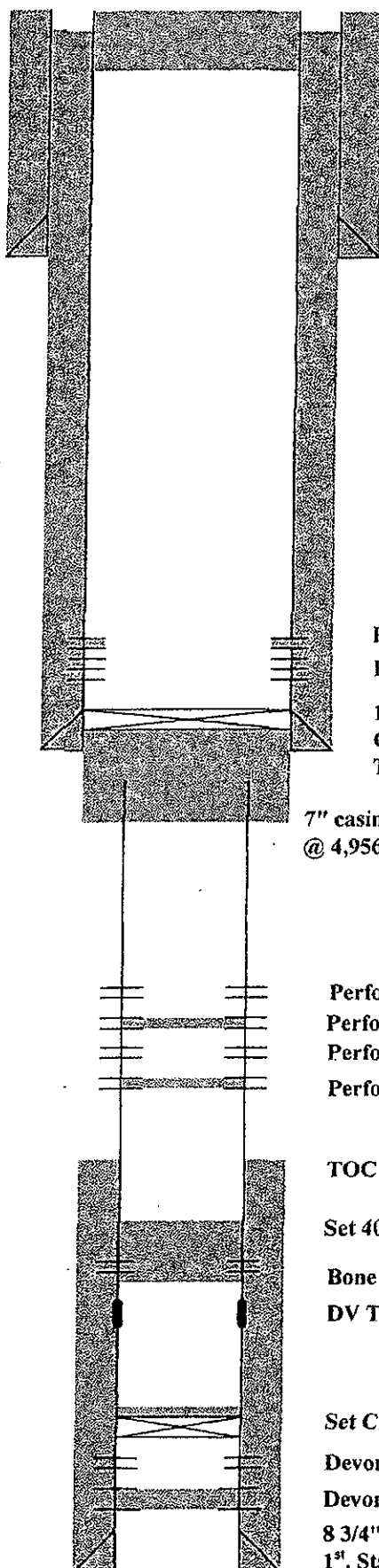
7 7/8" Hole; Set 4 1/2" K-55 csg. @ 4,559'
Cemented w/1250 Sx.
Cement circulated to surface.

T.D. 4,560'

Sundown Energy, LP
Arco 28 State No. 2
API No. 30-025-29526
330' FNL & 1650' FEL, Unit B
Section 28, T-18S, R-35E

Drilled: 12/1985
Plugged: 5/1997

Pride Energy Company
State Lea 405 Com No. 1
API No. 30-025-03145
660' FNL & 1980' FWL (Unit C)
Section 27, T-18 South, R-35 East, NMPM



25 Sx. surface

15 1/2" Hole; Set 13 3/8" Csg @ 325'
 Cemented w/400 Sx.
 Cement circulated to Surface

Drilled: 12/1957
Plugged: 1/1971

Perforations 4,652'-4,777' Squeezed w/200 sx.
 Perforations 4,753'-4,843'

12 1/4" Hole; Set 9 5/8" Csg @ 4,990'
 Cemented w/1900 sx.
 TOC @ 31' by Well File

7" casing cut & pulled @ 5,100'. Cement retainer
 @ 4,956'. Set 25 Sx. cement plug 4,990'-5,100'

Perforations 6,134'-6,151'
 Perforations 6,334'-6,340' squeezed w/75 sx.
 Perforations 6,368'-6,374'
 Perforations @ 6,494 squeezed w/75 sx.

TOC @ 8,090' (Well File)

Set 40 sx. cement plug 8,450'-8,681'

Bone Spring Perforations: 8,649'-8,681'
 DV Tool @ 8,812'

Set CIBP @ 11,602 w/6' cement on top

Devonian Perforations: 11,686'-11,722'

Devonian Perforations: 11,769'-11,774'. Squeezed w/ 125 Sx.

8 3/4" Hole; Set 7" Csg. @ 11,783'

1" Stage-150 Sx. 2nd Stage-150 Sx.

DV Tool @ 8,812' TOC @ 8,090' by Well File

T.D. 11,783"

BEFORE WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-025-37429																													
FORM	DEPTH	OPERATOR: PALADIN ENERGY CORP																													
		LEASENAME: SOUTH VACUUM																													
		WELL NO. 221																													
		SURF LOC: UL: N SEC: 22 TWN: 18S RNG: 35E																													
		915 FSL 1650 FWL																													
		BH LOC: UL: N SEC: 22 TWN: 18S RNG: 35E																													
		708 FSL 1669 FWL																													
		MD 14592 TVD 14572 KB DF																													
		GL																													
		POOL VACUUM;MCKEE, SOUTH PERFS 13902-13956 P																													
		POOL VACUUM;MISSISSIPPIAN, SOUTH PERFS 10794-10872 A																													
POOL PERFS																															
Casing Record																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>SIZE</th> <th>DEPTH</th> <th>CMT</th> <th>HOLE SIZE</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>SURF.</td> <td>13.375</td> <td>416</td> <td>630 sxs</td> <td>17.5</td> <td>0' Circ</td> </tr> <tr> <td>INTM1</td> <td>9.625</td> <td>3931</td> <td>1370 sxs</td> <td>12.25</td> <td>413 Cal</td> </tr> <tr> <td>PROD</td> <td>7</td> <td>12745</td> <td>1220 sxs</td> <td>8.75</td> <td>651 Cal</td> </tr> <tr> <td>LINER</td> <td>5</td> <td>11955-14592</td> <td>250 sxs</td> <td>6.25</td> <td>11955</td> </tr> </tbody> </table>			SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF.	13.375	416	630 sxs	17.5	0' Circ	INTM1	9.625	3931	1370 sxs	12.25	413 Cal	PROD	7	12745	1220 sxs	8.75	651 Cal	LINER	5	11955-14592	250 sxs	6.25	11955
	SIZE	DEPTH	CMT	HOLE SIZE	TOC																										
SURF.	13.375	416	630 sxs	17.5	0' Circ																										
INTM1	9.625	3931	1370 sxs	12.25	413 Cal																										
PROD	7	12745	1220 sxs	8.75	651 Cal																										
LINER	5	11955-14592	250 sxs	6.25	11955																										
SPUD: 09/27/2005																															
COMP: 01/25/2006																															
PREPARED BY:																															
UPDATED 01/16/12																															

WELL DATA SHEET

LEASE: Arco State 27	WELL: 1	FIELD: PLUGGED
LOC: 1650' FNL & 1980' FWL	Fed, St. or Fee: State	Unit: F SEC: 27 Township: 18S Range: 35E
STATUS: P & A'd	CO: Lea	API NO: 30-025-29091
TD: 10,300'	ST: New Mexico	Lease:
PBTD: 9358'		

Plug #1 0-110'
(30 SX)

Plug #2 1730' (30 SX)

Plug #3 2510 - 2650'
(30 SX)
5-1/2" csg cut @ 2600'

CIBP @ 4400'
(25 SX)

CIBP @ 4600'
(25 SX)

PERFS 8863 - 80'
(BONE SPRINGS)

PERFS 4430 - 41'
(QUEEN SAND)

PBTD= 9358'
5-1/2" @ 9449'

20 SX @ 9774'

TD =10,300'

Csg Detail:

Hole Size: 17"
13 3/8" OD, 54.5 #/ft, grade J-55
csg set @ 460' w/ 175 sx.
Circ? Yes TOC @ Surface By

Hole Size: 11"
8-5/8" OD, 24 & 32 #/ft, grade K-55
csg set @ 3890' w/ 2000 sx.
Circ? Yes TOC @ 2000' By TS

Hole Size: 7-7/8"
5-1/2" OD, 17 #/ft, grade N-80
csg set @ 9,449 w/ 1355 sx.
in 1 stages w/DV tool @ NA
Stage 1 circ? No TOC 2700 By TS
Stage 2 circ? TOC By

Spud Date: 1/31/85
Comp. Date: 3/27/85

GL: 3898'
DF:
KB:

Belinda Bradley 10/2/13

WELL RECORD STATUS DATE June 16, 1989OPERATOR Sundown
BEPCOWELL NAME Reeves 21 State 1 FIELD Queen ZERO PT. 3923' KB

TUBULAR & CEMENTING RECORD

O.D.	Wt./Ft.	Grade	Set @	SF =		Cement Description
				Coll.	Burst	

SURFACE CASING

11 3/4	42	H-40	1761			

PRODUCTION CASING

8 5/8	24	K-55				7 JTS
8 5/8	24	J-55				49 JTS
8 5/8	24	N-80				18 JTS
5 1/2	14	K-55				67 JTS
5 1/2	14	J-55				45 JTS

LINEAR SETTING

TUBING

O.D.	Wt./Ft.	Grade	Set @	No. Jts.	Jt. Strn.	SF =
						Burst
2 3/8	9.7	J-55	4350	147		

WELLHEAD EQUIPMENT

Casinghead	-
Tubinghead	-
Christmas Tree	-

OTHER EQUIPMENT

750 sx Lite Tail
w/200 sx Class "C"
11 3/4" @ 1761

Calc TOC @ _____

200 sx Halco Prem Plus
Thixotropic (14.8 ppq)
400 sx Class "C" w/
2% CaCl

8 5/8" at 3052

DV TOUT AT 3118.7'

350 sx Howco Lite
+ 200 sx Class "C"
w/2% CaCl

160 sx Howco Lite
+ 300 sx "C" neat

FC @
5 1/2" @ 4565

2 3/8" J-55 EVE

1781 R SN
± 4346'

2800 MODEL
- 1 WELL BOND
- 4342'

Queen Perfs
1460-4475
31 holes

Acidize w/
1500 gal 15%
NEFE

FRAC w/27000
gals 30# Borate

+ 69,800 lbs
16/30 Ottawa