

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

CISF
 [Signature]

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO. 30-015-26732
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-10083
7. Lease Name or Unit Agreement Name: Royal A
8. Well No. 2
9. Pool name or Wildcat Un-designated (Atoka)
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3451' GL / 3463' KB

*** AMENDED ***

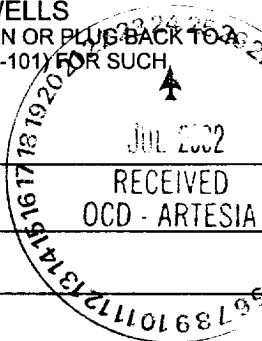
SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
 Phillips Petroleum Company

3. Address of Operator
 4001 Penbrook Street Odessa, TX 79762

4. Well Location
 Unit Letter H : 1980 feet from the North line and 660 feet from the East line
 Section 16 Township 20-S Range 25-E NMPM County Eddy



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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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12. 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.

As requested per Mr. Van Barton, an amended procedure with the before and after wellbore schematics are attached.

*** NOTE: Verbal approval given to Toben Scott(PPCo.Drilling Engineer)by Tim Gum 7/16/02 ***

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

SIGNATURE Stacy Rindor for P.M.S. TITLE Supervisor, Reg./Pro. DATE 7/23/02
915/368-1314

Type or print name L. M. Sanders Telephone No. (915)368-1488

(This space for State use)
 APPROVED BY [Signature] TITLE Field Rep DATE JUL 30 2002

Conditions of approval, if any:

PLUG AND ABANDON WELL PROCEDURE

ROYAL A-2

(Revised July 22, 2002)

NOTE: For **Plug 1** the Cement used is Class "H" w/ HR-7, density of 15.6 ppg, yield of 1.18 cubic feet per sack.
For **Plug 2** the Cement used is Class "H", density of 15.6 ppg, yield of 1.18 cubic feet per sack.
For **Plugs 3,4,5,6,7 & 8** the Cement used is Class "C", density of 14.8 ppg, yield of 1.32 cubic feet per sack.

1. Notify NMOCD at (505) 393-6161 24 hrs. prior to initiating plugging operations.
2. **Current Status:** Shut in. No tbg in hole.
3. MIRU Plug & Abandon Package.
4. Before operations begin, ensure that well is dead. A tested barrier can be achieved with a visual static fluid column (10# brine) tested for 30 minutes. In the event the CIBP does not hold, permission is required from Barry Morgan to use a dynamic column of fluid as the only barrier. A dynamic fluid column is achieved by pumping fluid (10# brine) into the well until the well is on a vacuum, as which point pump rate is reduced to ½ barrel a minute until the BOPE is NU. Once barrier(s) have been achieved ND 7-1/16 3000 psi Cameron wellhead.
5. NU PPCo. Class 2 Hydraulic BOPE. Test BOPE to 300 psi. Once low pressure test is done test BOPE to 3000 psi. A drilling supervisor must be present for BOPE testing.
6. PU 2-3/8" WS and TIH to 8937'. Circulate 5-1/2" casing with 9.5 ppg mud-laden fluid.
7. **Spot Plug No. 1, minimum 25 sx**, Class "H" w/ HR-7 cmt. calculated interval: 8937'-8711'. Covers the Atoka. WOC & tag. .
8. POOH & LD to 6700'. **Spot Plug No. 2, minimum 25 sx**, Class "H" cmt. calculated interval: 6700'-6474'. Covers the Wolfcamp.
9. POOH & LD to 4050'. **Spot Plug No. 3, minimum 25 sx**, Class "C" cmt. Calculated interval: 4050'-3803'.
10. POOH w/ WS. ND BOPE. Perform csg stretch test and remove csg hanger. NU BOPE.
11. MIRU wireline. GIH w/ wireline. Cut 5-1/2" casing @ 3400' or closest freepoint. POOH wireline. Pull 5-1/2" casing and LD. Continue with step 11.
**In the event the csg cannot be pulled spot a 25 sx plug from 3450'-3224' and PU to 1500' and try to cut csg there. Spot 25 sx plug at stub, 50' cmt inside stub-50' above stub. Calculated interval 1550'- 1422'. Proceed with Step 12.
12. GIH w/ WS to 3450' (or 50' below stub). **Spot Plug No. 4, minimum 25 sx**, calculated interval: 3450'-3322'. Cmt must be 50' inside stub – 50' above stub. Covers the production csg stub. WOC and tag.
13. POOH & LD to 2310'. **Spot Plug No. 5, minimum 30 sx**, calculated interval: 2310'-2193'.

14. POOH & LD to 1430'. **Spot Plug No. 6, minimum 30 sx**, calculated interval: 1430'-1317'. Covers the intermediate csg shoe. Must be 50' below shoe and 50' above shoe. WOC and tag.
15. POOH & LD to 440'. **Spot Plug No. 7, minimum 30 sx**, calculated interval: 440'-330'. Covers the surface csg shoe. Must be 50' below shoe and 50' above shoe. WOC and tag.
16. POOH & LD to 75'. **Spot Plug No. 8, minimum 25 sx**, calculated interval: 75'-surface. Covers the surface plug.
17. POOH & LD workstring. WOC & visually tag. Top off if necessary.
18. Install dry hole marker.
19. Perform reclamation work. Make sure that all equipment is transferred off of the well and/or off of the location and is accompanied by the Phillips Material Transfer. Provide copies of the transfers to Gary Starek in Materials and to the wellfile. Report all material transfers in DIMS when well is dropped from report.
20. Send forms and reports to:

Phillips Regulatory
4001 Penbrook
Odessa, Texas 79762

Date: July 15, 2002

RKB 3463'
GL 3451'

17 1/2" hole
13 3/8" 48# H-40
set @ 390'
Circ cmt to surface 175 sx
Pump 700 sx, "C"

Lease & Well No.: Royal A-2

Well Category: _____
Area: New Mexico

Subarea: Morrow

Legal Description: API #30-015-26732

1980' FNL & 660' FEL, Sec 16, T-20-S, R-5-E

Eddy County, New Mexico

Spudded: 5/30/1991

Completed: 9/05/92

Initial Completion: _____

Stimulation: _____

12 1/4" hole
8 5/8" 24# K-55
set @ 1380'
900sx cement.
TOC: Sur. Circ. 165sx

7 7/8" hole

Toc: 3970' (TS)

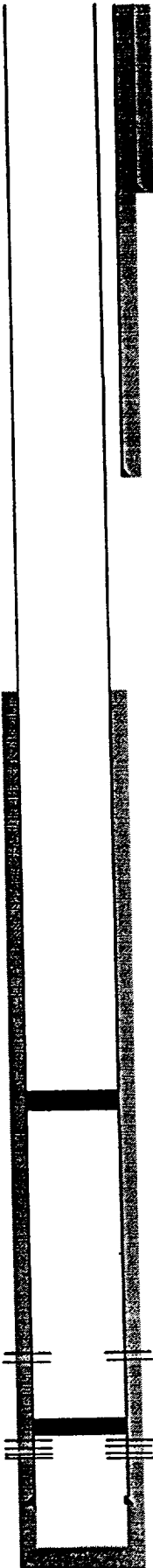
CIBP @ 8937'

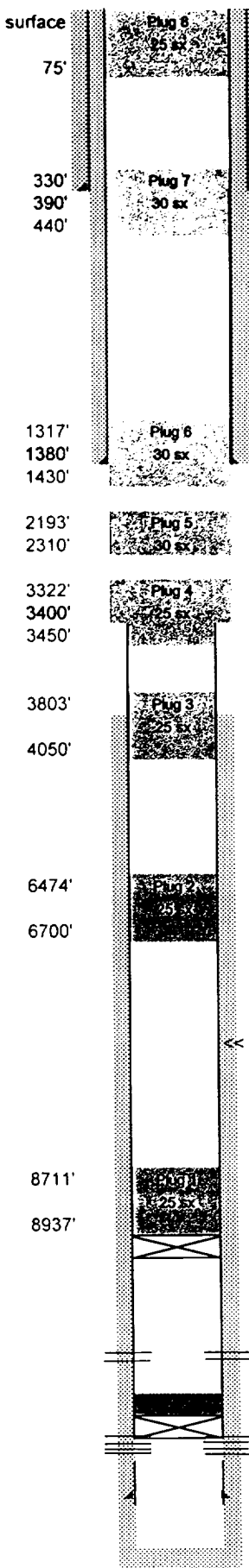
Atoka: Perfs: 4 spf (sqz perfs)
8992'-9000' (33 Shots)
Sqzd. 3/28/92
Re-Perf'd on 4/21-92

CIBP @ 9400' w/35 sxCmt.
Morrow Perfs.
9458'-9490' (96shots)
Sqzd. 3/38/92 Re-Perf'd 4/7/92

5 1/2" 17# & 15.5 J-55 Set @ 9680'
Cmt. 1st stage 485 Sx. 2nd stage 550 Sx. TOC:(T S) 3970'

PBTD: 8937'
TD: 9680'





Spot Plug No. 8, minimum 25 sx.,
Class C cmt. calculated interval: 75'-surface.
Covers the surface plug. WOC and tag.

17 1/2" hole
13 3/8" 48# H-40 set @ 390'
Circ cmt to surface 175 sx Pump 700 sx, "C"

Spot Plug No. 7, minimum 30 sx.,
Class C cmt. calculated interval: 440'-330'.
Covers the surface csg. shoe. WOC and tag.

12 1/4" hole
8 5/8" 24# K-55 set @ 1380'
900sx cmt. Circ. 165 sx TOC @ surface

Spot Plug No. 6, minimum 30 sx., Class C cmt. calculated interval: 1430'-1317'. Covers the intermediate csg shoe
50' below shoe - 50' above shoe. WOC and tag.

Spot Plug No. 5, minimum 30 sx., Class C cmt. calculated interval: 2310'-2193'.

Spot Plug No. 4, minimum 25 sx., Class C cmt. calculated interval: 3450'-3322'.
Covers the production csg stub. 50' inside stub - 50' above stub. WOC and tag

Spot Plug No. 3, minimum 25 sx., Class C cmt. calculated interval: 4050'-3803'.
TOC: 3970' (TS)

Spot Plug No. 2, minimum 25 sx., Class H cmt. calculated interval: 6700'-6474'. Covers the Wolfcamp.

<< DV Tool @ 8005'

Spot Plug No. 1, minimum 25 sx., Class H cmt w/HR-7. calculated interval: 8937'-8711'. Covers the Atoka. WOC and tag.

CIBP @ 8937'

Atoka: Perfs:
8992'-9000' (33 Shots) 4 spf (sqz perfs)
Sqzd. 3/28/92
Re-Perf'd on 4/21-92

CIBP @ 9400' w/35 sx Cmt.
Morrow Perfs.
9458'-9490' (96shots)
Sqzd. 3/38/92 Re-Perf'd 4/7/92

7 7/8" hole
5 1/2" 17# & 15.5 J-55 Set @ 9680'
Cmt. 1st stage 485 Sx. 2nd stage 550 Sx. TOC:(T S) 3970'

PBTD: 8937'
TD: 9680'

Lease & Well No.:	Royal A-2
Well Category:	
Area:	New Mexico
Subarea:	Morrow
API Number:	API #30-015-26732
Legal Description:	1980' FNL & 660' FEL, Sec 16, T-20-S, R-5-E Eddy County, New Mexico
Spudded:	5/30/1991
Completed:	9/05/92

Formation Tops

San Andres	730
Glorieta	3210
Bone Spring	3402
Wolfcamp	6630
Pennsylvania	7775
Canyon	8097
Strawn	8430
Atoka	8967
Morrow	9238