

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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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. (old) E-10083 (new) 34361
7. Lease Name or Unit Agreement Name (old) Royal A (new) Stiletto '16' State
8. Well Number 2
9. OGRID Number 06742
10. Pool name or Wildcat Undesignated (Atoka)

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	RECEIVED P&A MAY 17 2010 NMOCD ARTESIA
2. Name of Operator Echo Production, Inc.	
3. Address of Operator PO Box 1210, Graham, TX 76450	
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>16</u> Township <u>20 S</u> Range <u>25 E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3451' GL / 3463' KB	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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 <input checked="" type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING <input type="checkbox"/>	PLUG <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Well was P&A'd in July 2002 by Phillips Petroleum under the above shown lease name and lease number. Echo Production is now the operator of the lease on Section 16-20S-25E with a lease name of Stiletto '16' State and a lease number of 34361.

As shown by the attached procedure and wellbore diagram Echo is proposing to re-enter the well, clean out to ±3800' and place cement in the 5 ½" casing annulus from 3780' to where the casing was cut off at 3015'. An additional five cement plugs will be placed as was done by Phillips and approved by the NMOCD in 1982 from 3075' to the surface although some will be larger cement volumes.

(see attached for procedure)

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 Tom Golden TITLE Operations Manager DATE 5/10/10

Type or print name Tom Golden
For State Use Only

E-mail address:

Telephone No. (940) 549-3292

APPROVED BY:

TITLE

Approval Granted providing work
is complete by 5/20/2010

DATE 5/20/2010

Royal 'A' #2

KB 3463' – 12' AGL

13 3/8" csg @ 390' cmt'd to surface

8 5/8" 24# csg @ 1380' cmt'd to surface

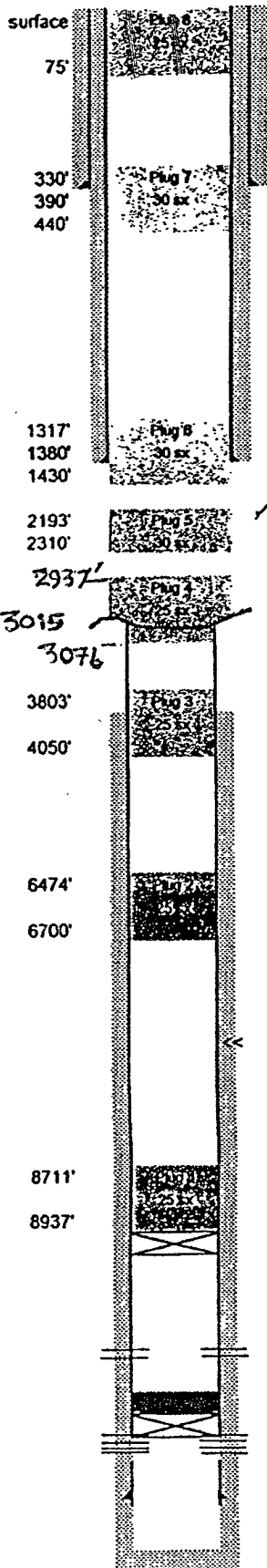
5 1/2" 15.5 17# csg @ 9680' TOC cmt 3970'

Free point @ $\pm 3100'$ cut off @ 3015', cement plugs 2961-3076', 2204-2321', 1323-1436', 328-445', 0-75' to be drilled out.

1. MI workover rig and reverse unit
2. RIH w/ 7 7/8" bit, 2 7/8" tbg and DC and drill out cement plugs from 0-75', 328-445', 1323-1436', 2204-2321' and from 2961 to top of cut off 5 1/2" casing at 3015'. POH.
3. RIH with wash pipe on 2 7/8" tbg and DC and wash over 5 1/2" csg until no more cement is encountered (wash out minimum of 150'). POH
4. RIH w/ 7 7/8" guide shoe, pilot mill and DC on 2 7/8" tubing and drill out cement 1-2' inside 5 1/2" csg. POH.
5. RIH w/ 4 3/4" bit and DC on 2 7/8" tubing and drill out cement plug from 3015-3076'. RIH to $\pm 3800'$ & circ clean (cmt plug @ 3803'). POH.
6. RIH w/ 2 7/8" tubing and pkr to $\pm 3700'$. Rig up WL and perforate 5 1/2" csg (4 holes) @ 3780'. Set packer and establish circulation. POH.
7. RIH w/ cement retainer to $\pm 3660'$, establish circ and pump 135 sx Class 'C' w/ 2% CaCl. Displace with 10# mud laden brine & sting out of retainer.
8. Pull up to 3075' and pump 80 sx Class 'C' w/ 4% CaCl and displace with 10# mud laden brine. Pull up to $\pm 2400'$ and SD for cmt to set.
9. RIH and tag top of plug. Pull tubing to 2500' and pump 80 sx Class 'C' w/ 4% CaCl and displace with 10# mud laden brine.
10. Pull tubing to 1430' and pump 35 sx Class 'C' w/ 4% CaCl and displace with 10# mud laden brine. Pull up to $\pm 1100'$ and SD for cmt to set.
11. RIH and tag top of plug. Pull tubing to 440' and pump 35 sx Class 'C' w/ 4% CaCl and displace w/ 10# mud laden brine. Pull up to $\pm 300'$ and SD for cmt to set.
12. RIH and tag top of plug. Spot 25 sx from 75' to surface.
13. Install dry hole marker.

RKB 3463'
GL 345'

Date: July 22, 2002



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: 2937'-3076'.
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-Perfd on 4/21-92

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

Tag @ 1323'

Tag Plug 2961'
5 1/2" Cut @ 3015'

Tag @ 8689

Formation Tops

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

Present well status

Proposed well status

WELL COMPLETION SKETCHES

WELL Royal 'A' 2	FIELD Un-designated (Atoka)	DATE 5/7/10
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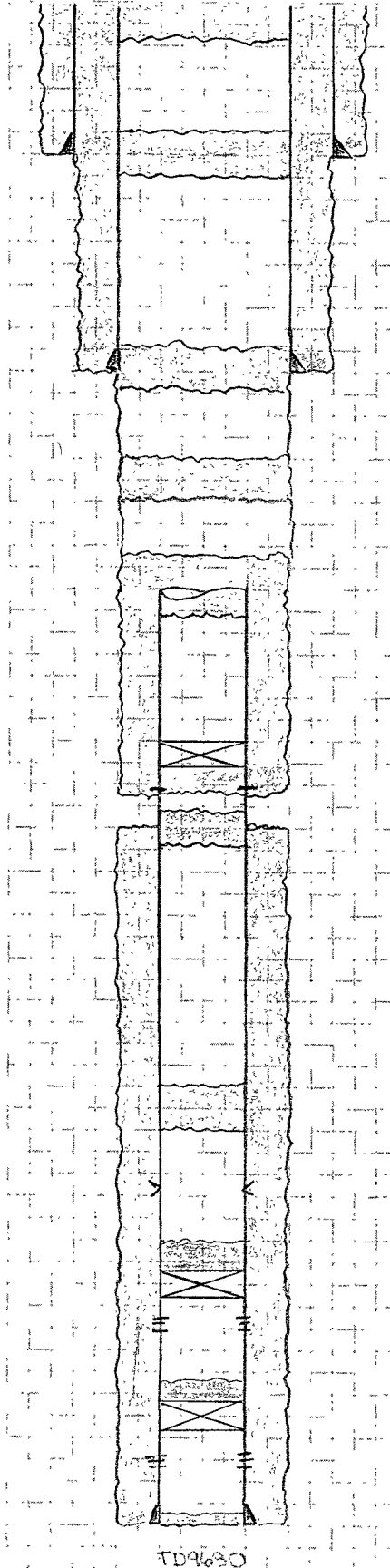
<input type="checkbox"/> PRESENT COMPLETION	<input checked="" type="checkbox"/> SUGGESTED COMPLETION
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PERMANENT WELL BORE DATA

13 3/8" 48# csg. @ 390' cmt'd
w/ 700 SX to surface
8 5/8" 24# csg. @ 1380' cmt'd
w/ 900 SX to surface
- 7 7/8" hole -
25 SX. plug 3803-4050'
TOC 3970' (TS)
25 SX. plug 6474-6700'
DV Tool @ 8005'
CIBP 8937' w/ 25 SX TOC 8689'
Atoka Perfs 8992-9000'
CIBP @ 9400' w/ 35 SX
Morrow Perfs 9458-90'
5 1/2" 15.5 E 11# Csg. @ 9680'
1st stage 485 SX 2nd stage 560 SX

DATA ON THIS COMPLETION

Pump 25 SX. 0-75'
Pump 35 SX 330'-440'
Pump 35 SX. 1320-1430'
Pump 80 SX. 2190-2500'
Pump 80 SX. 2750-3075'
(in and out of 3 1/2" csg. stub)
Cement retainer @ ± 3660' and
Pump 135 SX. in 5 1/2" csg. annulus
Perf. set holes @ 3780'



TD 9680