

OCD-ARTESIA

Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

S

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5 Lease Serial No
NM 99040

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7 If Unit of CA/Agreement, Name and/or No

1 Type of Well

☐ Oil Well☒ Gas Well☐ Other

DEC 07 2007

8. Well Name and No
Ranger 17 Federal Com 32 Name of Operator
Devon Energy Production Co., LP

OCD-ARTESIA

9 API Well No.
30-015-315363a Address
20 North Broadway
OKC, OK 731023b. Phone No (include area code)
(405)-552-780210 Field and Pool or Exploratory Area
Lusk West; Morrow4 Location of Well (Footage, Sec, T, R, M, or Survey Description)
860' FNL & 660' FEL
Sec 17-T19S-R31E Lot A11 Country or Parish, State
Eddy County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Plugback to Bone
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Springs; Abandon
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Morrow

13 Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection)

Devon Energy Production Company, L.P. respectfully requests approval to recompleat to the Bone Springs and abandon Morrow perfs:

- * See attached recompleat procedure & wellbore schematic
- * BOP to be used; No H2S is anticipated to be encountered
- * Will submit completion report when work is completed

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Stephanie A. Ysasaga

Title Sr. Staff Engineering Technician

Signature

Date 11/28/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title PETROLEUM ENGINEER

Date

DEC 05 2007

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-31536	² Pool Code	³ Pool Name Lusk; Bone Springs
⁴ Property Code	⁵ Property Name Ranger 17 Federal Com	⁶ Well Number 3
⁷ OGRID No. 6137	⁸ Operator Name Devon Energy Production Co., L.P.	⁹ Elevation 3475'

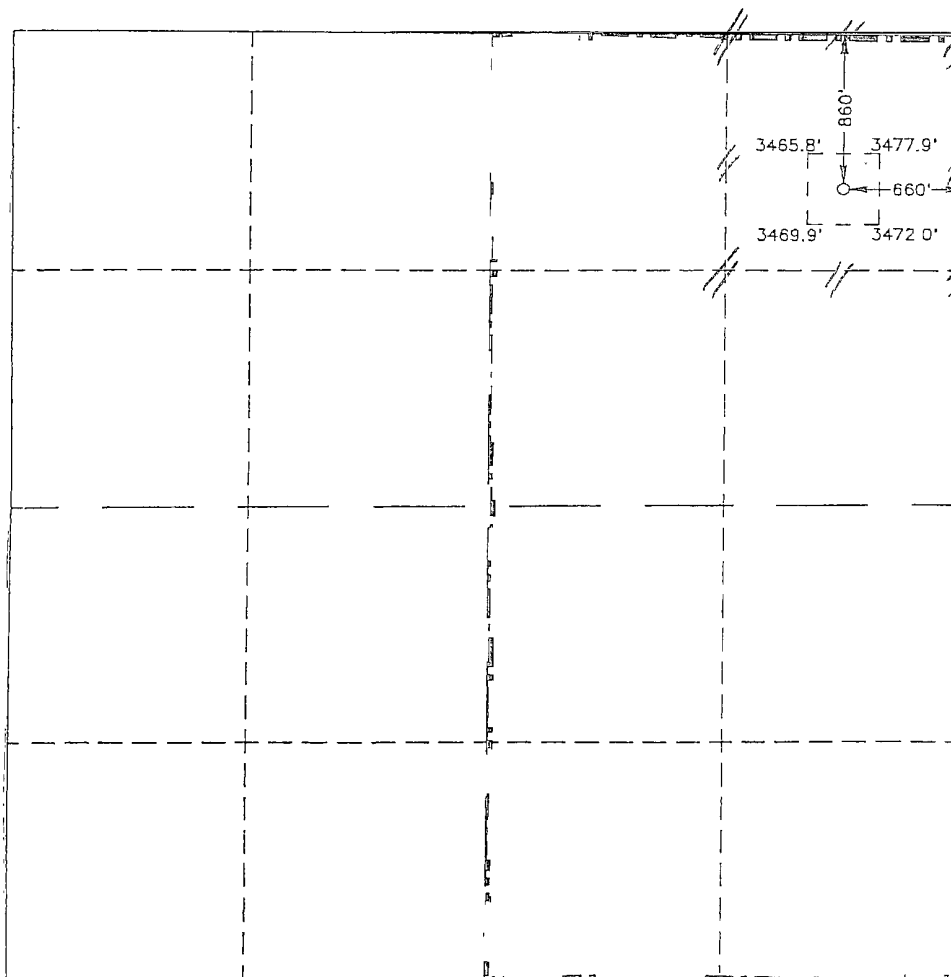
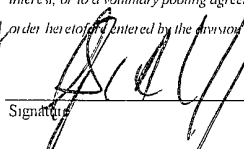
¹⁰ Surface Location

UL or lot no. A	Section 17	Township 19S	Range 31E	Lot Idn	Feet from the 860	North/South line North	Feet from the 660	East/West line East	County Eddy
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature:  Date: 1/20/07 Printed Name: Stephanie A. Ysasaga
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief</i> November 17, 2000 Date of Survey Signature and Seal of Professional Surveyor
	(See original C-102 for certification)
	Certificate Number

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Bravo Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 80840	Pool Name LUSK WEST-MORROW
Property Code	Property Name RANGER "17" FEDERAL COM.	Well Number 3
GRID No. 166111	Operator Name CONCHO RESOURCES, INC.	Elevation 3475

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	19 S	31 E		860	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

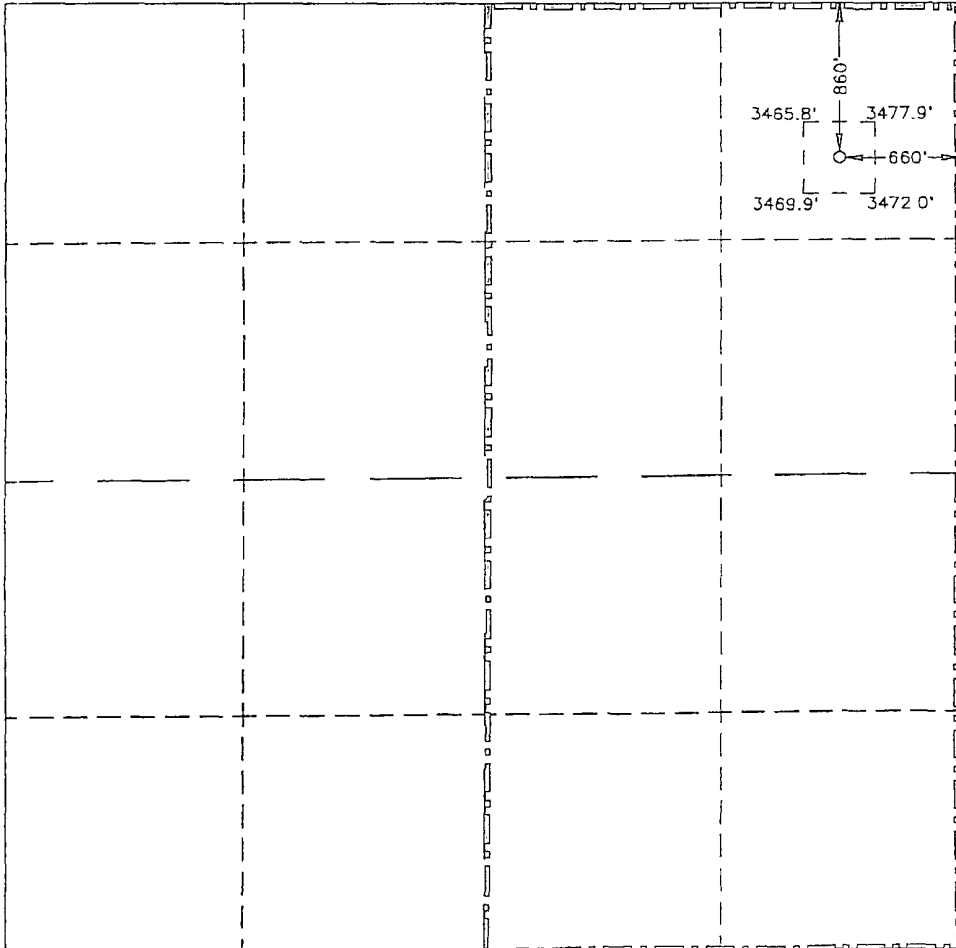
	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 11/24/00 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief</p> <p>NOVEMBER 17, 2000 Date Surveyed JLP Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> W.O. Num. 00-11-1383 Certificate No. RONALD J. EDSON, 3239 GARY G. EDSON, 12641</p>
--	--

EXHIBIT "A"

Recompletion Procedure for Ranger 17 Fed Com #3

AFE #

OBJECTIVE: Plug back from Morrow and recomplete to 2nd bone springs limestone, 3rd bone springs limestone, and 3rd bone springs sandstone.

LOCATION: 860' FNL, 660' FEL, Section 17, T19S, R31E

DIRECTIONS: From Loco Hills, NM take Highway 82 east for 5 miles to County Road 222, turn south (right) and go 10 miles, turn west (right) go 0.5 miles and proceed southwest (right), go 0.4 miles proceed west (right) follow road 0.5 miles to location on south side of road.

WELL DATA:

Reference elevation: 3491.5' KB (16.5' AGL)

API: 30-015-31536

Preliminary Procedure

Correlation log: Schlumberger GR-CNL-LDT dated March 10, 2001 (strip attached).

Casing: 13 3/8" 48# H-40 @ 460' cemented to surface.
8-5/8" 32# J-55 @ 4061' cemented to surface.
5-1/2" 17# / N80/S95 @ 12,290' cemented with 960 sacks. TOC = 6120' (CBL.)

Tubing: 2 7/8" 6.5# L80. TAC @ 11,588'

TD: 12,290'

PBTD: 12,281'

Current perforations: 11,906' – 12,012' (gross interval). See schematic for detail.

Note: TCP guns, TOF @ 12,106'

Contact	Company	Office #	Mobile #
Blake Ary	Devon (engr)	405-552-4798	405-496-6431

PROCEDURE

1. MIRU PU. Conduct safety meeting w/ crew, including a summary discussion of this entire procedure.
2. Ensure well is dead, if not load hole with water.
3. ND wellhead and POOH existing production equipment (on plunger lift).
4. NU BOPE and test per company guidelines.
5. MIRU WLSU. Install Wireline BOPE and test per company guidelines.
6. Run gauge ring and junk basket for 5 1/2" 17# to 11,900'.
7. RIH with 5 1/2" CIBP and set @ 11,880' +/-.
8. POOH with setting tool.
9. Dump bail 35' of cement on top of CIBP.
10. RIH w/4" csg gun. Perf 3rd Bone Springs Sandstone at the following interval, 2 SPF (120° phase)

9809' - 9811'	9854' - 9862'
9828' - 9830'	9874' - 9877'
9835' - 9837'	9880' - 9882'
9842' - 9846'	9901' - 9904'

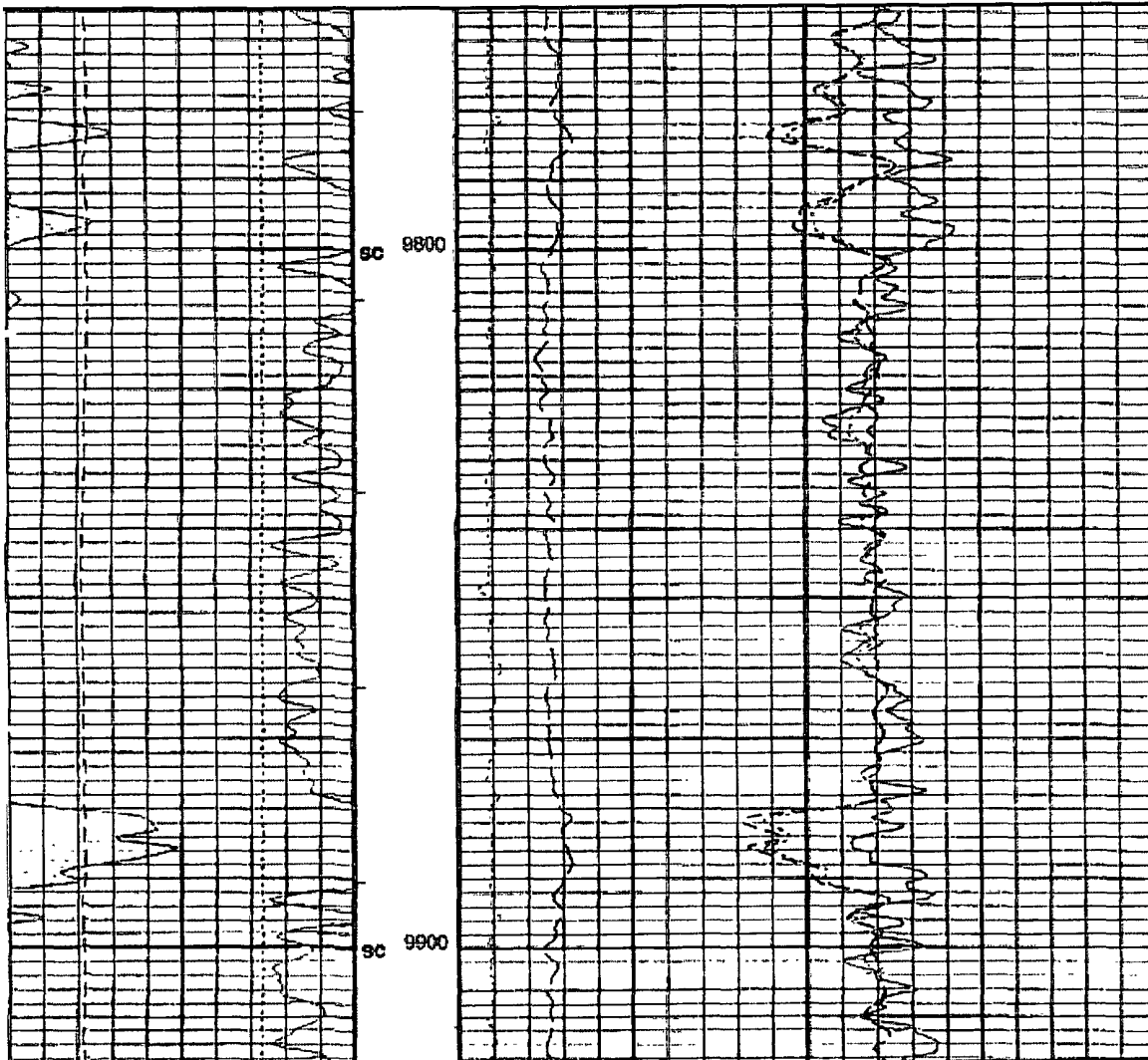
RD WLSU.

11/28/2007

Recompletion Procedure for Ranger 17 Fed Com #3

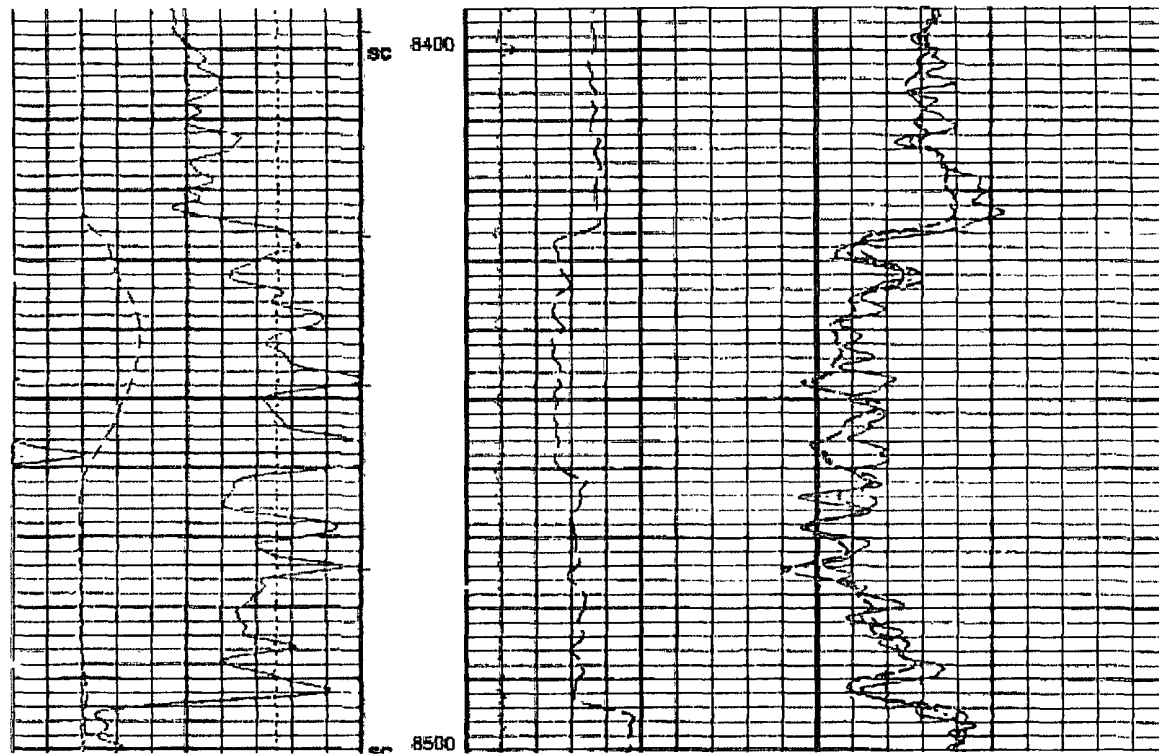
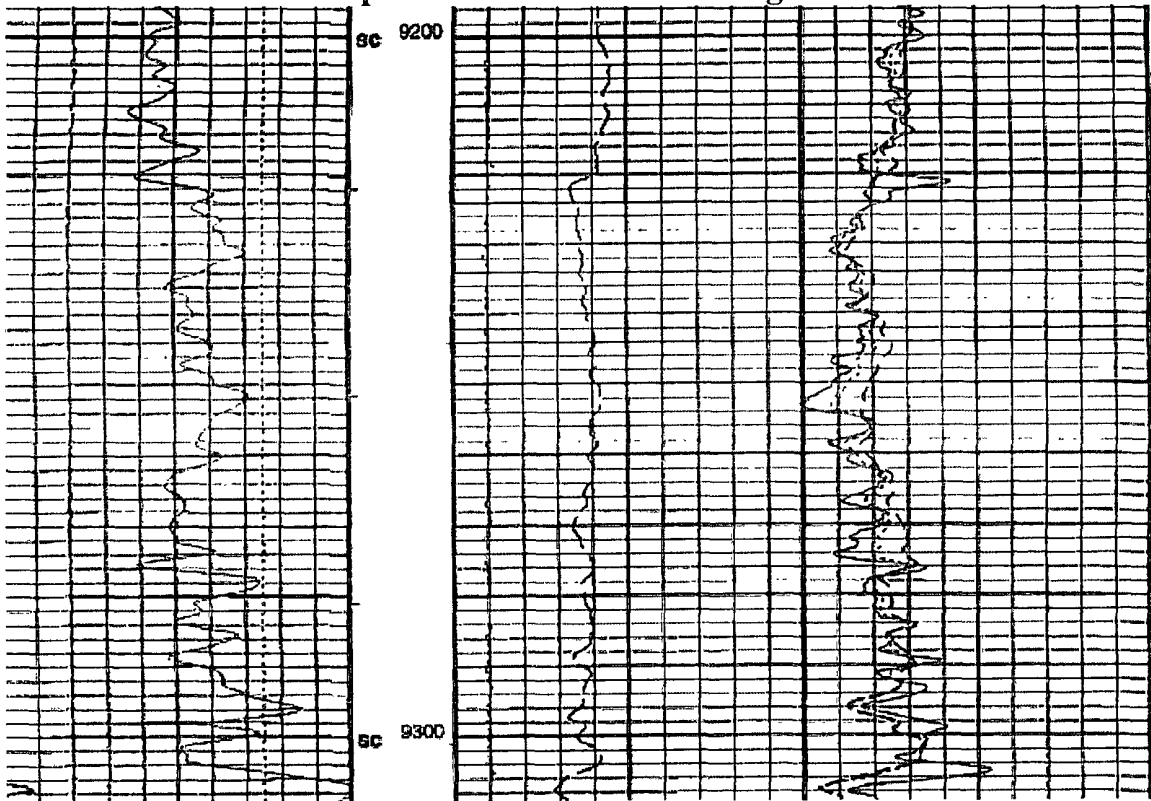
11. RIH with treating packer on tubing and set treating packer @ 9780' +/-.
12. RU treaters and acidize 9809' – 9904' with 3000 gal 7½% Pentol acid, dropping 80 ball sealers evenly with the acid. Pump acid at maximum rate possible with pumps on location (up to 10 BPM). If ballout occurs, surge balls off and continue with acid. Flush.
13. Unset treating packer and run through perfs to knock balls off then set packer above perfs and swab test for oil cut until at least half of load is recovered or oil cut reaches 15%. Evaluate for frac.
14. If no frac is necessary unset packer and POOH.
15. MIRU WLSU. Install Wireline BOPE and test per company guidelines.
16. RIH w/4" csg gun. Perf 3rd Bone Springs Limestone at the following interval, 2 SPF (120° phase)
 9224' – 9240' 9245' - 9262'
 RD WLSU.
17. RIH with RBP and treating packer on tubing to approximately 9760' and set RBP. Test RBP to 2000 psi.
18. PUH above perfs and set treating packer @ 9200' +/-.
19. RU treaters and acidize 9224' – 9262' with 3500 gal 15% HCL acid, dropping 100 ball sealers evenly with the acid. Pump acid at maximum rate possible with pumps on location (up to 10 BPM). If ballout occurs, surge balls off and continue with acid. Flush.
20. Unset treating packer and run through perfs to knock balls off then set packer above perfs and swab test for oil cut until at least half of load is recovered or oil cut reaches 15%.
21. Unset packer, retrieve bridge plug (set at 9760') and POOH.
22. MIRU WLSU. Install Wireline BOPE and test per company guidelines.
23. RIH w/4" csg gun. Perf 2nd bone springs limestone at the following interval, 1 SPF
 8228' - 8243' 8305' - 8313'
 8246' - 8250' 8462' - 8467'
 8254' - 8260' 8475' - 8478'
 RD WLSU.
24. RIH with RBP and treating packer on tubing to approximately 9175' and set RBP. Test RBP to 2000 psi.
25. PUH above perfs and set treating packer @ 8200' +/-.
26. RU treaters and acidize 8228' – 8478' with 4000 gal 15% HCL acid, dropping 60 ball sealers evenly with the acid. Pump acid at maximum rate possible with pumps on location (up to 10 BPM). If ballout occurs, surge balls off and continue with acid. Flush.
27. Unset treating packer and run through perfs to knock balls off then set packer above perfs and swab test for oil cut until at least half of load is recovered or oil cut reaches 15%.
28. Unset packer, retrieve bridge plug (set at 9175') and POOH.
29. RIH w/production tubing and BHA and circulate well clean.
30. PUH and set TA. NU pumping WH assembly.
31. RIH w/pump and rods. Hang well on pump.
32. RDMO PU.
33. Report daily production test until further notice.

Recompletion Procedure for Ranger 17 Fed Com #3



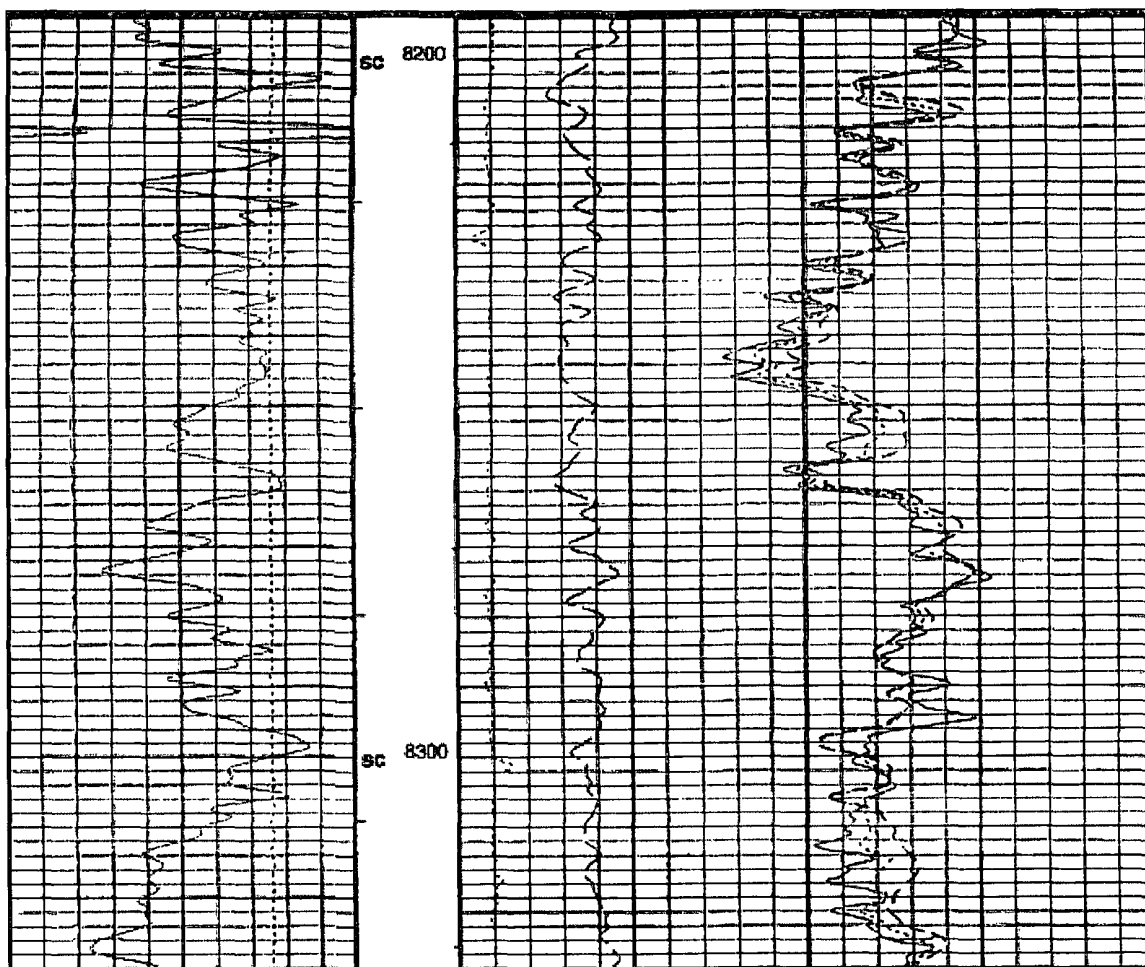
11/28/2007

Recompletion Procedure for Ranger 17 Fed Com #3



11/28/2007

Recompletion Procedure for Ranger 17 Fed Com #3



11/28/2007

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Ranger 17 Fed Com #3		Field: Lusk West	
Location: 860' FNL & 660' FEL, 17-19S-31E		County: Eddy	State: NM
Elevation: 3475' GL; 3491.5' KB		Spud Date: 2/1/2001	Compl Date: 5/2/2001
API#: 30-015-31536	Prepared by: Ronnie Slack	Date: 03/15/05	Rev.



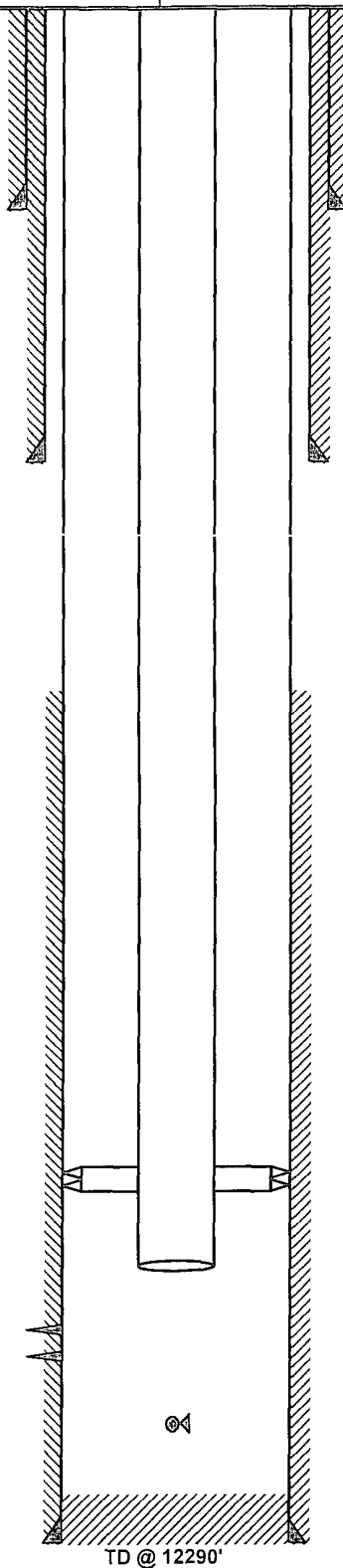
CURRENT

17-1/2" hole
13-3/8", 48#, H40, @ 460'
 Cmt'd w/415 sks Cmt to surf

12-1/4" hole
8-5/8", 32#, J55, @ 4061'
 Cmt'd w/ 1550 sks Cmt to surf.

MORROW (5/2/01)
 11906' - 11936 4 spf
 11988' - 12012' 4 spf
 IP: 60 bod, 1829 mcf, 0 bw, 1180 ftp
 9/25/01 acidized w/5000 gals 7.5%

7-7/8" Hole
5-1/2", 17#, N80/S95, @ 12290'
 Cmt'd w/ 960 sks. TOC @ 6120'-cbl



Production Tubing--5/10/03

375-Jts, 2-7/8", 6 5#, L80
 TAC
 10-Jts, 2-7/8"
 Seating Nipple
 On Plunger Lift

375 Jts, 2-7/8"

TAC @ 11558'
 10 Jts-2-7/8"
 SN
 EOT @ 11868'

TCP guns, TOF @ 12106' (4/1/01)

PBD @ 12281'

TD @ 12290'