

District I
1525 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address CHEVRON U.S.A. INC. 6301 DEAUVILLE BLVD. MIDLAND, TX 79706		² OGRID Number 4323
		³ Reason for Filing Code/ Effective Date NW - 01/2018
⁴ API Number 30 - 025-43673	⁵ Pool Name S263319P; Bone Spring JENNINGS; UPPER BONE SPRING, SHALE	⁶ Pool Code 97838 97955
⁷ Property Code 317518	⁸ Property Name SD WE 24 FED P24	⁹ Well Number 6H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	24	26S	32E		200	SOUTH	1210	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	26S	32E		175	NORTH	1241	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code - F	¹⁴ Gas Connection Date - 01/18/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	WESTERN REFINING	O
	DBM	G
	OWL/MESQUITE/RECYCLE	W

IV. Well Completion Data

²¹ Spud Date 8/11/2017	²² Ready Date 12/07/2017	²³ TD 19,286	²⁴ PBTD 19,189	²⁵ Perforations 9,186 - 19,103	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13 3/8	706	844		
12.25	9 5/8	4,495	1487		
8.75	5 1/2	19,278	2727		
	2 7/8	8,714			

V. Well Test Data

³¹ Date New Oil 01/18/2018	³² Gas Delivery Date 01/18/2018	³³ Test Date 02/07/2018	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 847	³⁶ Csg. Pressure 458
³⁷ Choke Size 64/64	³⁸ Oil 1,641	³⁹ Water 1,696	⁴⁰ Gas 2,449	⁴¹ Test Method FLOWING	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
LAURA BECERRA

Title:
PERMITTING SPECIALIST

E-mail Address:
LBECERRA@CHEVRON.COM

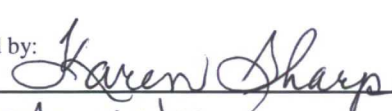
Date: 02/22/2018 Phone: (432) 687-7665

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:


Staff Mgr
3-2-18

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC065876A
2. Name of Operator CHEVRON U.S.A.		6. If Indian, Allottee or Tribe Name
3a. Address 6301 DEAUVILLE BLVD. MIDLAND, TX 79706		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-687-7665		8. Well Name and No. SD WE 24 FED P24 6H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T26S R32E Mer NMP SESE 200FSL 1210FEL 32.021488 N Lat, 103.623729 W Lon		9. API Well No. 30-025-43673
		10. Field and Pool or Exploratory Area JENNINGS;UPR BN SPR SHALE
		11. County or Parish, State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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.

THIS REPORT IS FOR THE SPUD, DRILLING OPERATIONS AND COMPLETION OF THE SUBJECT NEW WELL

PLEASE FIND ATTACHED:

- "As Drilled" C-102
- Actual wellpath report
- Drilling and completion summary
- Wellbore schematic
- Frac disclosure

14. I hereby certify that the foregoing is true and correct. Electronic Submission #405252 verified by the BLM Well Information System For CHEVRON U.S.A., sent to the Hobbs	
Name (Printed/Typed) LAURA BECERRA	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 02/21/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****Pending BLM approvals will
subsequently be reviewed
and scanned

Agency of the United

SD WE 24 FED P24 6H

30-025-43673

DRILLED NEW OIL WELL AS FOLLOWS:

08/11/2017: Spud well.

SURFACE CASING

8/11/2017: Drill 17 1/2" surface hole 153' – 716' TD. Run 13 3/8", 54.5#, J-55 STC surface casing to 706'. Cement in place.

Cemented w/TAI 844 sx Class C. Density: 14.80, Yield: 1.33, Fluid Mix Ratio: 6.37. Returns to surface: 98 bbls of cement to surface.

Displace cement with 98 bbls of FW. Bump plug, hold 500 psi over. Plug bumped on calculated displacement.

8/18/2017: Install test plug. Fill stack & choke manifold. Test full BOPE to 250 psi low/5000 psi high. (3500 high on annular). Test 13 3/8" surface casing to 1,500 psi for 30 minutes. Good test. Drill out float equip, cmt, rathole and 10' of new formation to 726'.

8/18/2017-8/19/2017: Drill 726'-4,505'

INTERMEDIATE CASING

8/20/2017: 4,505' TD intermediate hole. Run 9 5/8", 40#, L-80 LTC csg & set @ 4,495'.

Cemented w/LEAD 1,025 sx Class C, Density: 11.90, Yield: 2.43, Fluid mix ratio: 13.75; TAIL 462 sx Class C, Density: 14.80, Yield: 1.33, Fluid Mix Ratio: 6.34.

Displace cement w/338 bbls OBM. Bump plug w/500 psi over final circ pressure. Cement to surface: 198 bbls cement. Full returns throughout job. Plug bumped at calc displacement.

Install pack off. Test to 5000 psi for 15 mins. Good test.

9/8/2017: Full BOPE test. TOC @ 4,405'.

9/9/2017: Test 9 5/8" csg to 2765 psi for 30 minutes. Good test.

9/10/2017: Drill out float equip, cmt & rathole and 10' of formation to 4,505'.

9/10/2017 – 9/22/2017: Drill 4,505'-19,286' TD

PRODUCTION CASING

9/23/2017: Run 5 1/2", 20#, HCP-110 BTC casing to 19,278'.

9/24/2017: Cemented w/LEAD 642 sx, Class H, Density: 11.50, Yield: 2.65, Fluid mix ratio: 15.37.

LEAD 1,975 sx, Class H, Density: 12.50, Yield: 1.57, Fluid mix ratio: 8.47.

TAIL 110 sx, Class H, Density: 15.00, Yield: 2.19, Fluid Mix Ratio: 9.53.

Displace cmt w/426 bbls of FW. Bump plug. Hold 500 psi over.

0 bbls of cement to surface, full returns throughout job. Plug bumped on proper displacement. Conduct 30 min inflow/negative test.

9/25/2017: Release rig @ 03:00 hrs

COMPLETED NEW DRILL AS FOLLOWS:

TOC @ 740', PBTD @ 19,189'

10/28/2017: MIRU. TIH w/JB/CBL to 9,210'. Log well from 9,110' to surface.

10/31/2017: Test Production casing to 9800 psi 30 min, pass.

11/3/2017: MIRU frac equipment

11/3/2017 - 12/7/2017 : Perf and frac 51 stages, Upper Bone Spring, from 9,186' - 19,103'. Frac with total Proppant 16,318,702 lbs.

Perforation/Frac/Stimulation Details

Date	Top (FtKB)	Btm (FtKB)	Sand Pumped	Total Sand (Lbs)	Clean Fl./BBLs	Slur Vol/BBLs
12/7/2017	9,186	9,367	Sand 100 & 30/50	321,853	9,469	9,818
12/7/2017	9,379	9,562	Sand 100 & 30/50	320,775	9,746	10,093
12/6/2017	9,574	9,757	Sand 100 & 30/50	321,816	9,493	9,841
12/6/2017	9,769	9,952	Sand 100 & 30/50	319,057	9,608	9,953
12/6/2017	9,964	10,147	Sand 100 & 30/50	318,637	9,409	9,754
12/5/2017	10,159	10,342	Sand 100 & 30/50	320,718	9,533	9,880
12/4/2017	10,354	10,537	Sand 100 & 30/50	322,033	9,526	9,875
12/3/2017	10,549	10,732	Sand 100 & 30/50	313,536	9,413	9,752
12/3/2017	10,744	10,927	Sand 100 & 30/50	321,976	9,565	9,914
12/3/2017	10,939	11,122	Sand 100 & 30/50	321,009	9,311	9,658
12/2/2017	11,134	11,317	Sand 100 & 30/50	321,415	9,562	9,909
12/1/2017	11,329	11,512	Sand 100 & 30/50	321,597	10,156	10,504
12/1/2017	11,524	11,705	Sand 100 & 30/50	320,886	9,923	10,270
11/30/2017	11,720	11,902	Sand 100 & 30/50	321,068	9,302	9,650
11/30/2017	11,914	12,096	Sand 100 & 30/50	323,599	9,784	10,134
11/29/2017	12,109	12,289	Sand 100 & 30/50	321,032	9,368	9,716
11/29/2017	12,304	12,487	Sand 100 & 30/50	337,343	10,065	10,430
11/27/2017	12,499	12,683	Sand 100 & 30/50	321,301	10,116	10,464
11/27/2017	12,694	12,877	Sand 100 & 30/50	322,454	9,980	10,329
11/26/2017	12,889	13,072	Sand 100 & 30/50	322,160	9,719	10,068
11/26/2017	13,084	13,261	Sand 100 & 30/50	323,285	9,574	9,923
11/25/2017	13,279	13,462	Sand 100 & 30/50	321,789	10,489	10,837
11/25/2017	13,474	13,657	Sand 100 & 30/50	321,504	10,354	10,702
11/24/2017	13,669	13,852	Sand 100 & 30/50	321,086	9,389	9,736
11/23/2017	13,864	14,047	Sand 100 & 30/50	321,246	11,475	11,822
11/22/2017	14,059	14,242	Sand 100 & 30/50	322,757	10,363	10,712
11/21/2017	14,254	14,432	Sand 100 & 30/50	323,428	9,999	10,349
11/21/2017	14,449	14,632	Sand 100 & 30/50	321,870	9,944	10,293
11/20/2017	14,644	14,827	Sand 100 & 30/50	321,833	9,988	10,336
11/20/2017	14,839	15,022	Sand 100 & 30/50	321,323	9,974	10,322
11/19/2017	15,034	15,217	Sand 100 & 30/50	321,528	9,943	10,291
11/19/2017	15,229	15,412	Sand 100 & 30/50	321,318	10,448	10,796
11/18/2017	15,424	15,607	Sand 100 & 30/50	322,364	10,103	10,451
11/17/2017	15,619	15,802	Sand 100 & 30/50	320,785	10,989	11,336
11/17/2017	15,814	15,997	Sand 100 & 30/50	320,885	11,245	11,592
11/16/2017	16,009	16,192	Sand 100 & 30/50	333,580	16,355	16,716

11/15/2017	16,204	16,387	Sand 100 & 30/50	321,761	11,841	12,189
11/12/2017	16,399	16,582	Sand 100 & 30/50	324,442	11,476	11,827
11/11/2017	16,594	16,777	Sand 100 & 30/50	319,949	11,840	12,186
11/11/2017	16,789	16,972	Sand 100 & 30/50	321,291	9,930	10,278
11/9/2017	16,984	17,167	Sand 100 & 30/50	322,631	10,349	10,699
11/9/2017	17,179	17,358	Sand 100 & 30/50	322,770	10,125	10,475
11/8/2017	17,374	17,557	Sand 100 & 30/50	323,743	9,899	10,249
11/8/2017	17,569	17,752	Sand 100 & 30/50	321,030	9,996	10,343
11/7/2017	17,764	17,949	Sand 100 & 30/50	321,310	10,312	10,660
11/7/2017	17,959	18,142	Sand 100 & 3rd Sand type	321,579	9,792	10,140
11/6/2017	18,154	18,337	Sand 100 & PW 40/70	320,706	9,876	10,228
11/5/2017	18,349	18,531	Sand 100 & PW 40/70	321,080	12,823	13,175
11/4/2017	18,544	18,725	Sand 100 & PW 40/70	321,002	10,315	10,667
11/4/2017	18,739	18,922	Sand 100 & PW 40/70	320,032	8,805	9,156
11/3/2017	18,934	19,103	Sand 100 & PW 40/70	321,725	9,390	9,743

12/9/17-12/16/17: Waiting on CTU

12/17/17-12/29/17: Casing Cleanout

1/7/2018: Ran 2 7/8" tubing set @ 8,714'. Packer @ 8,699'

1/9/2018: Release rig

1/18/2018: Place well on production

2/7/2018: On 24 hour OPT flowing:

Oil – 1,641

Gas – 2,449

Water – 1,696

GOR – 1,492

Tubing psi – 847

Casing psi – 458

Choke – 64/64

TOC – 740'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC065876A

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CHEVRON USA			Contact: LAURA BECERRA E-Mail: LBECERRA@CHEVRON.COM		
3. Address 6301 DEAUVILLE BLVD. MIDLAND, TX 79706			3a. Phone No. (include area code) Ph: 432-687-7665		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 24 T26S R32E Mer NMP At surface SESE 200FSL 1210FEL 32.021488 N Lat, 103.623729 W Lon Sec 13 T26S R32E Mer NMP At top prod interval reported below NENE 175FNL 1241FEL 32.049894 N Lat, 103.623818 W Lon Sec 13 T26S R32E Mer NMP At total depth NENE 175FNL 1241FEL 32.049894 N Lat, 103.623818 W Lon			8. Lease Name and Well No. SD WE 24 FED P24 6H		
14. Date Spudded 08/11/2017			15. Date T.D. Reached 09/10/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/07/2017			9. API Well No. 30-025-43673		
18. Total Depth: MD 19286 TVD 9083			20. Depth Bridge Plug Set: MD TVD		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/JB, CBL			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		
17. Elevations (DF, KB, RT, GL)* 3137 GL					

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	34	706		844		37	
12.250	9.625 L-80	40.0	34	4495		1487		37	
8.750	5.500 HCP110	20.0	34	19278		2727		33	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8714	8699						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
UPR BONE SPRING SHALE	9186	19103	9186 TO 19103			PRODUCING - SEE ATTACHED PI
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9186 TO 19103	FRAC WITH TOTAL PROPPANT - 16,318,702 LBS **SEE DETAILED FRAC SUMMARY ATTACHED

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/18/2018	02/07/2018	24	→						FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	847	458.0	→	1641	2449	1696	1492	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #405604 VERIFIED BY THE BLM WELL INFORMATION SYS

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Pending BLM approvals will
subsequently be reviewed
and scanned

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
CASTILLE	2855	4656	ANHYDRITE	CASTILLE	2855
LAMAR	4657	4680	LIMESTONE	LAMAR	4657
BELL CANYON	4681	5708	SANDSTONE	BELL CANYON	4681
CHERRY CANYON	5709	7267	SANDSTONE	CHERRY CANYON	5709
BRUSHY CANYON	7268	8890	SANDSTONE	BRUSHY CANYON	7268
BONE SPRING LIME	8891	8945	SHALE/LIMESTONE	BONE SPRING LIME	8891
UPPER AVALON	8946	19286	SHALE/LIMESTONE	UPPER AVALON	8946

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #405604 Verified by the BLM Well Information System.
For CHEVRON USA, sent to the Hobbs**

Name (please print) LAURA BECERRATitle PERMITTING SPECIALIST

Signature _____ (Electronic Submission)

Date 02/23/2018

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****