

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐

5. State Oil & Gas Lease No.

B-1565

7. Unit Agreement Name

Central Vacuum Unit

8. Farm or Lease Name

9. Well No.

253

10. Field and Pool, or Wildcat
Vacuum Grayburg
San Andres

12. County

Lea

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

2. Name of Operator

Texaco Producing Inc.

3. Address of Operator

P.O. Box 728, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER C LOCATED 675 FEET FROM THE North LINE AND 1330 FEET FROMTHE East LINE OF SEC. 36 TWP. 17-S RGE. 34-E NMPM

15. Date Spudded

2-14-88

16. Date T.D. Reached

2-28-88

17. Date Compl. (Ready to Prod.)

3-4-88

18. Elevations (DF, RKB, RT, GR, etc.)

4018' KB

19. Elev. Casinghead

4006'

20. Total Depth

4720'

21. Plug Back T.D.

4720'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-4720'

24. Producing Interval(s), of this completion - Top, Bottom, Name

4325'-4720' Grayburg San Andres

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR - Caliper - CNL

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94	360	24"	850 sacks	
13-3/8"	54.5	1570	17-1/2"	1600 sacks	
7"	23	4325	12-1/4" 8-3/4"	2050 sacks	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4681	

31. Perforation Record (Interval, size and number)

Open Hole 4325'-4720'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4325'-4720'	8000 gals 15% NEFE

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
3-4-88		Pumping				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-13-88	24			105	77.7	326	740
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
			105	77.7	326	38.2	

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

Sold

Test Witnessed By

M.G. Brown

35. List of Attachments

Deviation Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED P.W. Minchew For A. GernandtTITLE Area SuperintendentDATE 4-1-88

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1518'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2790'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3683'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4334'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blainebray _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet _____
No. 2, from _____ to _____	feet _____
No. 3, from _____ to _____	feet _____
No. 4, from _____ to _____	feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	342	330	Ogallala				
342	1518	1176	Redbeds				
1518	2790	1272	Anhydrite & Salt				
2790	4334	1544	Dolomite, Anhydrite, Sand				
4334	4720	386	Dolomite				

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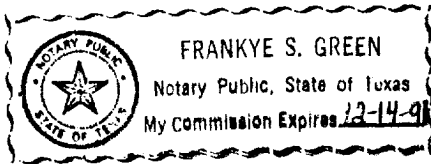
FIELD Vacuum Grayburg San Andres COUNTY Lea OCC NUMBER _____
 OPERATOR TEXACO INC. ADDRESS P. O. Box 728 - Hobbs, New Mexico 88240
 LEASE Central Vacuum Unit WELL NO. 253
 SURVEY Sec. 36, 660' FNL, 1320' FWL, T-17-S, R-34-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
360'	3/4
839'	3/4
1,304'	1/2
1,570'	3/4
2,026'	1 1/4
2,498'	1/4
2,800'	1 1/4
3,263'	1/2
3,758'	1 1/2
4,268'	3/4
4,325'	3/4
4,720'	1 3/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.



HONDO DRILLING COMPANY

BY: _____

Walter Frederickson, Vice President

Sworn and subscribed to before me the undersigned authority, on this the

8th day of March, 1988.

Frankye S. Green
 Frankye S. Green

Notary Public in and for Midland County, TX.

HOBBY OFFICE
APR 12 1993
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OIL CONSERVATION DIVISION
P. O. BOX 2000
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-1565

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG SALS TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator	Central Vacuum Unit
3. Address of Operator	8. Form or Lease Name
P.O. Box 728, Hobbs, New Mexico 88240	
4. Location of Well	9. Well No.
UNIT LETTER C, 675 FEET FROM THE North LINE AND 1330 FEET FROM THE West LINE, SECTION 36 TOWNSHIP 17-S RANGE 34-E NMPM.	253
10. Field and Pool, or Wildcat	
Vacuum Grayburg San Andres	
11. Elevation (Show whether DF, RT, GR, etc.)	12. County
4006 GR	Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASINGS ☐
TEMPORARILY ABANDON ☐	CHARGE PLANT ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASINGS ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work; SEE RULE 1703.

Spudded 24" hole at 2:30 A.M. 2-14-88. Drilled to 360'. Ran 9 joints (348') 20" 94* H-40 casing set at 360'. Cemented with 850 sacks class 'H' with 2% CaCl₂ and 1/4*/sack flocele. Circulated 100 sacks. Completed 10:45 P.M. 2-14-88. Tested 20" casing to 600* from 4:45 P.M. to 5:15 P.M. 2-15-88. Tested OK.

Drilled 17-1/2" hole to 1570'. Set 38 joints (1558') 13-3/8" 54.5* J-55 and K-55 casing at 1570'. Cemented with 1350 sacks 50/50 Pozmix with 2% CaCl₂ and 1/4*/sk flocele. Tailed in with 250 sacks class 'H' with 2% CaCl₂. Circulated 175 sacks. Completed 8:00 P.M. 2-17-88. Tested 13-3/8" casing to 1000* from 5:15 P.M. to 5:45 P.M. 2-18-88. Tested OK.

Drilled 12-1/4" hole to 2800'. Reduced hole size to 8 3/4" from 2800' to 4325'. Ran 100 joints (4313') 7" 23* K-55 casing set at 4325'. Cemented with 1800 sacks 50/50 Pozmix with 10*/sk salt and 1/4*/sk flocele. Tailed in with 250 sacks class 'H' with 2% CaCl₂ and 1/4*/sk flocele. (Continued on back)

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

393-4031

SIGNED P.W. Muirchew For A. Gennandt

TITLE Area Superintendent

DATE 4-6-88

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY

TITLE

DATE

REMARKS OR APPROVAL, IF ANY:

Completed 7:00 A.M. 2-25-88. Cement did not circulate. Ran temperature survey, showing top of cement at 50'. Tested 7" casing to 1500' from 1:00 A.M. to 1:30 A.M. 2-26-88. Tested OK.

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OPERATOR	

3A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

3. State Oil & Gas Lease No.
B-1565

7. Unit Agreement Name

8. Farm or Lease Name
Central Vacuum Unit

9. Well No.
253

10. Field and Pool, or Wildcat
Vacuum Grayburg
San Andres

12. County
Lea

19. Proposed Depth
4705'

19A. Formation
Grayburg San Andres

20. Rotary or C.T.
Rotary

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor

22. Approx. Date Work will start
November 16, 1987

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work
Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐

Oil Well ☒ Gas Well ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

Name of Operator
Texaco Producing Inc.

Address of Operator
P. O. Box 728, Hobbs, New Mexico 88240

Location of Well UNIT LETTER C LOCATED 675 FEET FROM THE North LINE

1330 FEET FROM THE West LINE OF SEC. 36 TWP. 17-S RCE. 34-E NMPM

Elevations (Show whether DF, KT, etc.)
4006 GR

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94#	350'	1000	Circulate
17-1/2"	13-3/8"	54.5#	1550'	1500	Circulate
12-1/4" & 8-1/2"*	7"	23#	4300'	2050	Circulate

*Reduce hole size to 8-1/2" @ 2800' if no waterflow is encountered.
6-1/8" bit will be used from 4300' to TD.

CEMENTING PROGRAM

SURFACE CASING: 1000 sacks 50/50 Pozmix Class "H" w/2% CaCl & 1/4# Flocele (15.6 ppg, 1.18 cu. ft./sx.).

INTERMEDIATE CASING: 1250 sacks 50/50 Pozmix Class "H" w/2% CaCl & 1/4# Flocele (14.15 ppg, 1.26 cu. ft./sx.) followed by 250 sacks Class "H" w/2% CaCl & 1/4# Flocele (15.6 ppg, 1.18 cu. ft./sx.).

PRODUCTION CASING: 1800 sacks 50/50 Pozmix Class "H" w/10# Salt & 1/4# Flocele (14.15 ppg, 1.28 cu. ft./sx.) followed by 250 sacks Class "H" w/2% CaCl (15.6 ppg, 1.18 cu. ft./sx.).

Administrative Order NSL-2366 applies.
All other wells located in this 1/4, 1/4 section are operated by Texaco.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROD. ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed L. J. Seeman Title Dist. Petr. Engr. Date 10/06/87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

PROVED BY DISTRICT 1 SUPERVISOR TITLE DATE OCT 14 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

7.1.1 - 2366

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HOBBS OFFICE

All distances must be from the outer boundaries of the Section.

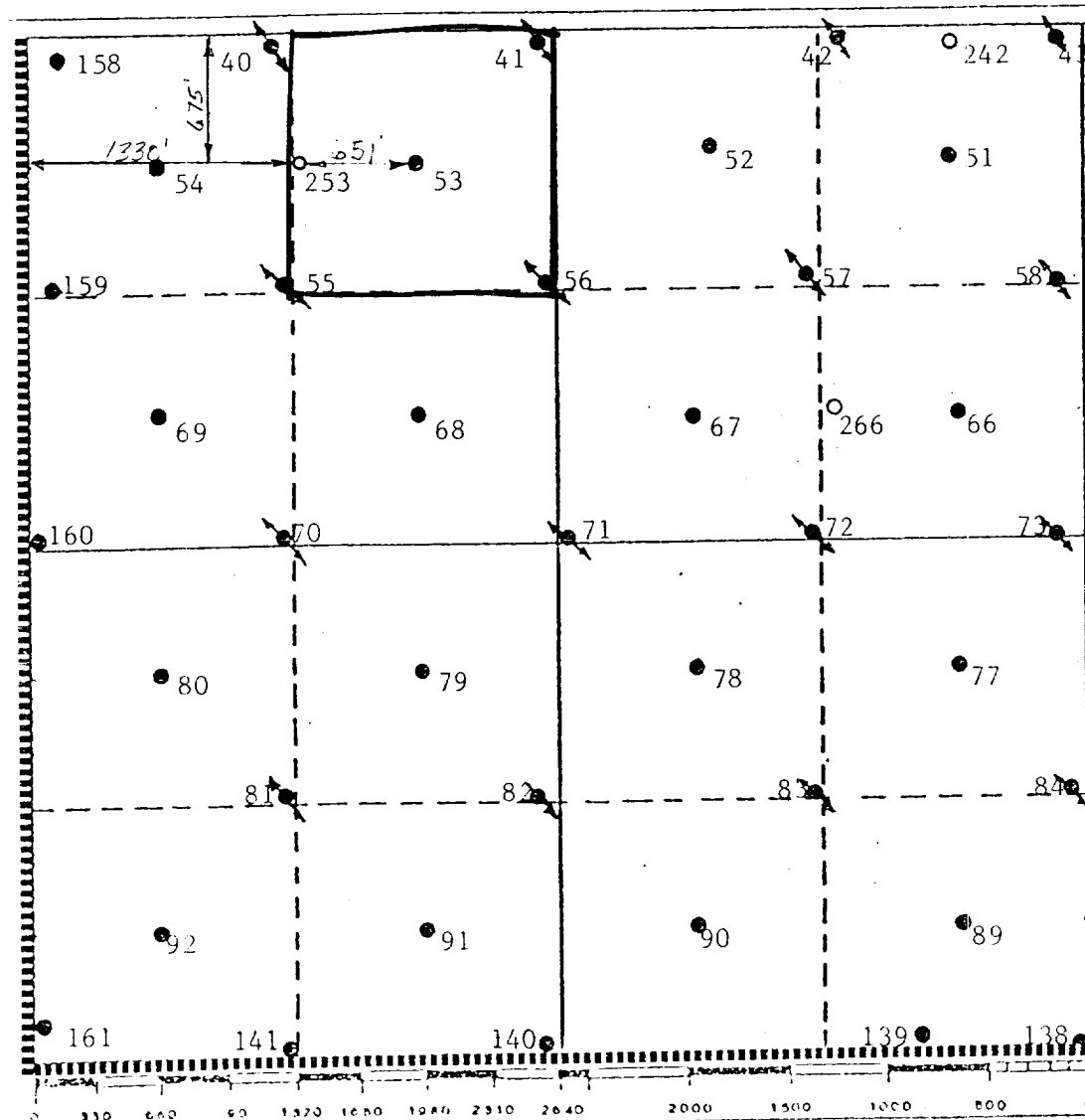
Operator Texaco Producing Inc.		Lease Central Vacuum Unit		Well No. 253
Unit Letter C	Section 36	Township 17-S	Range 34-E	County Lea
Actual Footage Location of Well: 675 feet from the North line and 1330 feet from the West line				
Ground Level Elev. 4006'	Producing Formation San Andres	Pool Vacuum (Grayburg-San Andres)	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

B. L. Eiland
Name

B. L. Eiland
Position

Division Surveyor

Company
Texaco Producing Inc.

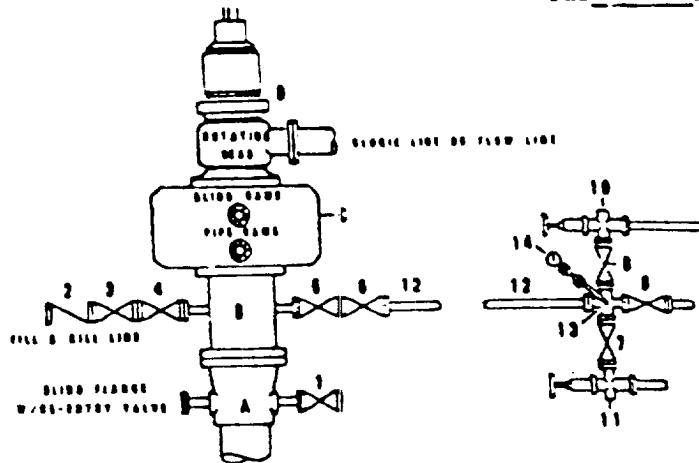
Date
July 2, 1987

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 knowledge and belief.

Date Surveyed
June 30, 1987
Registered Professional Engineer
and/or Land Surveyor
B. L. Eiland
Certificate No. 4386

DRILLING CONTROL
CONDITION II-B 3000 WP
FOR AIR DRILLING OR
WHERE YATES AIR BLOWS ARE EXPECTED

H₂S TRIM REQUIRED
 YES _____ NO _____



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B
FOR AIR DRILLING

- | | |
|---------------|---|
| A | Texaco Wellhead |
| B | 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill-line and 3" minimum flanged outlet for choke line |
| C | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2-3000# W.P. single ram type preventers may be utilized.) |
| D | Rotating Head and extended Elastic Line. |
| 1,3,4,
7,8 | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 2 | 2" minimum 3000# W.P. back pressure valve |
| 5,6,9 | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 12 | 3" minimum schedule 80, Grade "B", seamless line pipe |
| 13 | 2" minimum x 3" minimum 3000# W.P. flanged cross |
| 10, 11 | 2" minimum 3000# W.P. adjustable choke bodies |
| 14 | Cameron Mud Gauge or equivalent (location optional in choke line.) |



TEXACO, INC.
 WILSON DIVISION
 WILSON, TEXAS



SCALE	DATE	EST. NO.	DWG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT C

100-1-1007
100-1-1007
100-1-1007

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