JUN 19 1750

BEFORE THE NEW MEXICO

OIL CONSERVATION DIVISION

QIL CONSERVATION DIVISION

APPLICATION OF ROBERT N. ENFIELD, FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

No. 9696

APPLICATION

Robert N. Enfield, by his undersigned attorneys hereby makes application for an Order pooling all interests from the surface to the base of the Morrow formulation underlying the S/2 of Section 19, Township 18 south, Range 33 East, N.M.P.M., Lea County, New Mexico, and in support of its application would show:

- 1. Applicant is the working interest owner of certain interests in the S/2 of Section 19, Township 18 South, Range 33 East, Lea County, New Mexico.
- 2. Applicant intends to operate a well to be located at a standard location in the S/2 of Section 19.
- 3. Applicant has in good faith sought to join all other working interest owners in the S/2 of Section 19 for the purpose of forming a 320 acre proration unit in the S/2 of Section 19.
- 4. Although Applicant has attempted to obtain voluntary agreements from all working interest owners to dedicate their mineral interests to the 320 acre unit, there remain some working interest owners who have refused to join in dedicating their acreage to the unit.
- 5. Applicant seeks an Order from the Division pooling all mineral interests from the surface to the base of the Morrow

324

formation at an estimated total depth of 13,600 feet underlying the S/2 of Section 19, pursuant to § 70-2-17 N.M.S.A. 1978.

- The Division's Order entered pursuant to this Application should designate Applicant as operator of the well. Applicant also requests the Division to consider the cost of drilling and completing the well, the allocation of the cost thereof, actual operating costs and charges for supervision, and a charge for the risk involved in drilling the well.
- 7. Attached hereto as Exhibit A and incorporated by reference is a list setting forth all the working interest owners, each of their respective interests and their mailing addresses. Each of the working interest owners was mailed a copy of this application by registered mail.
- Approval of this Application will be in the interests of conservation, the prevention of waste, and the protection of correlative rights.
- 9. Applicant requests that this matter be set for the July 12, 1989 Examiner Hearing of the Oil Conservation Division.

HINKLE, COX, EATON, COFFIELD & HENSLEY

Owen M. Lopez

Post Office Box 2068

Santa Fe, New Mexico 87504-2068

(505) 982-4554

Attorneys for Robert N. Enfield

HUDSON FEDERAL NO. 3 Lea County, New Mexico Containing 324.69 acres

*	Robert N. Enfield Robert G. Hanagan et al Santa Fe Energy Operating	25.00 25.00
	Partners, L.P. William A. Hudson Edward R. Hudson Trust Amoco Production Company	12.68 12.32 12.32 12.68
		100.00

×		
1.	Roy G. Barton Sr, & Opal Barton Revocable Trust	3.125
	Roy G. Barton Jr.; Trustee under agreement dated 1/28/82	
2.	New Tex Oil Company	7.81250
3.	Hugh E. Hanagan	3.90625
4.	Hanagan Properties, a partnership	3.90625
5.	J. Hiram Moore, Betty Jane Moore and Michael Harrison	6.25000
	Moore, Trustees of the Moore Trust dated 8/1/74	

ADDRESSES:

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- Santa Fe Energy Operating Partners, L.P., 500 W. Illinois, Suite 500, Midland, TX 79701-4319
- 7. Amoco Production Company, P. O. Box 3092, Houston, TX 77253
- 8. Edward R. Hudson Trust, 616 Texas Street, Fort Worth, TX 76102-4612
- 9. William A. Hudson, 616 Texas Street, Fort Worth, TX 76102-4612

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Form 3160-5 (November 1983) (Formerly 9-331)	UNITED STATES DEPARTMENT OF THE INTERI BUREAU OF LAND MANAGEMENT		Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO. LC-069276
(Do not use th	NDRY NOTICES AND REPORTS To a form for proposals to drill or to deepen or Durib or use "Application for permit" for such or HORI	DN- WEBL SOMMISSION ALEXON A 1 COMPANY OF THE PROPERTY OF THE	6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME
OIL GAB WELL WELL	XX OTHER	00240	I. UNIT AUBECMENT NAME
2. NAME OF OPERATOR	DODEDT N. ENETELD		8. FARM OR LEASE NAME
3. ADDRESS OF OPERAT	ROBERT N. ENFIELD	· · · · · · · · · · · · · · · · · · ·	HUDSON FEDERAL 9. WELL NO.
1. I OCATION OF WELL	P.O. BOX 2431, SANTA FE, NE	W MEXICO 87501	3 10. FIELD AND POOL, OR WILDCAT
See also space 17 be At Hurface	660' FSL AND 2310' FEL OF SE		UNDES.SO.CORBIN MORROW GAS 11. SEC., T., E., M., OR BLE. AND BURYET OR AREA
			SEC.19, T.18 S., R.33 E.
11. PERMIT NO.	15. BLEVATIONS (Show whether DF, 3793.7 GL	RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE LEA NEW MEXICO
14	Check Appropriate Box To Indicate N		
	NOTICE OF INTENTION TO:		ENT REPORT OF:
TEST WATER SHUT- FRACTURE TREAT	PULL OR ALTER CASING NULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CABING
SHOOT OR ACIDIZE REPAIR WELL	CHANGE PLANS	SHOOTING OR ACIDIZING	ABANDON MENT®
(Other)	CHASCE PLASS	(Other) (Note: Report results Completion or Recompl	of multiple completion on Well etion Report and Log form.)
THE FOLLO (1) PROPORTION (2) 13-34	COMPLETED OPERATIONS (Clearly state all perthern) of well is directionally drilled, give subsurface located with the subsurface located with t	PPLICATION FOR PERMIT FROM 12,500' to 13,600 ATION PLAT IS ATTACHE	TO DRILL ARE PROPOSED: O' TO TEST THE MORROW D.
(3) SIZE DEPTH	OF INTERMEDIATE CASING TO BE C FROM 4800' TO 2900'. CEMENT	HANGED FROM 8-5/8" TO FO CIRCULATE.	9-5/8" AND THE SETTING
(4)_REVIS	SED BOP SKETCH IS ATTACHED.		
'ED 3. № '33.		BECE	ived
RECEIVED		MAY 3 1	1989
о 10 10 10 10 10 10 10 10 10 10 10 10 10		OH, CONSERV	
N	4. .	SANTA	FE
18. I hereby certify the	the toregoing ly trie and correct	Agent	MAY 3, 1989
(This space for Fee	Transcription (CHI	EF, MIIVERAL RESOURCES	DATE 5.15 81
CONDITIONS OF	PROVAL, IF ANY		_

*See Instructions on Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLATA

Form C-102 Supersedes C-128 Effective 1-1-65

is true and correct to the best of my

RONALD J. EIDSON.

knowledge and bel ef.

January 6, 1989
Registered Professional Enginee

Date Surveyed

All distances must be from the outer boundaries of the Section Crerator Robert N. Enfield Hudson Federal Section Township Rænge Cost Letter County 19 0 18 South 33 East Lea Actual Footage Location of Well: 660 South 2310 feet from the line and feet from the East Ground Level Elev. Producing Formation Poo! MORROW UNDESIGNATED SO. CORBIN MORROW 324.69 3793.7 1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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? □ No If answer is "yes," type of consolidation . Tes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (I'se 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 Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Arthur R. Brown Agent Company ROBERT N. ENFIELD MAY 3, 1989 shown on this plat was platted from field under my supervis on, and that the same

...

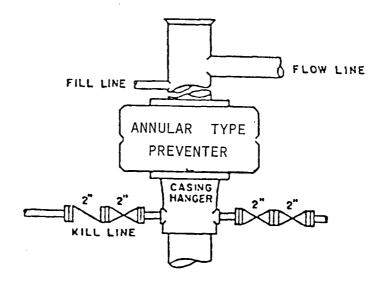
...

1320 1660 1880 2310

2000

1500

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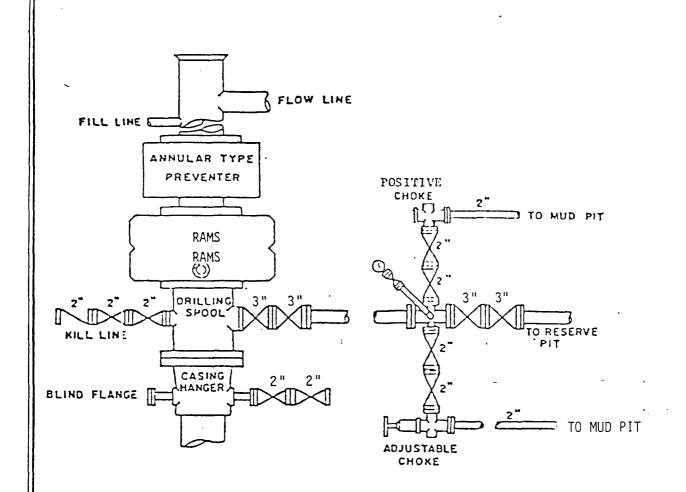


BOP STACK

2000 PSI WORKING PRESSURE

IN USE WHILE DRILLING 12-1/4" HOLE

BOP ARRANGEMENT



BOP STACK

5000 PSI WORKING PRESSURE

IN USE WHILE DRILLING BELOW 9-5/8" CASING SEAT

BOP ARRANGEMENT

45812 6 10 312

Form 3165_3 (November 1983)

N. M. CIL CENS. COMMISSION

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

30-025-3055/

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

(formerly 9-331C) Expires August 31, 1985 P. O DEPARTMENTO OF 2THE INTERIOR 5. LEASE DESIGNATION AND BERIAL NO. BUREAU OF LAND MANAGEMENT LC-069276 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. TYPE OF WORK 7. UNIT AGBEEMENT NAME DRILL XX DEEPEN [PLUG BACK b. TYPE OF WELL SINGLE XX MULTIPLE ___ WELL XX W.EFF S. FARM OR LEASE NAME 2. NAME OF OPERATOR HUDSON FEDERAL ROBERT N. ENFIELD 9. WELL NO. 3. ADDRESS OF OPERATOR P.O. BOX 2431, SANTA FE, NEW MEXICO 87501 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.") UNDES. SO.CORBIN STRAWN At Buriace 11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA 660' FSL AND 2310' FEL OF SECTION 19 At proposed prod. zone SEC.19, T.18 S., R.33 E. 14. DISTANCE IN MILES AT D DIRECTION FROM NEAREST TOWN OR POST OFFICE® 12. COUNTY OR PARISH | 18. STATE 10 MILES SOUTH-SOUTHEAST OF MALJAMAR, NEW MEXICO LEA NEW MEXICO 15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LIFE, FT.
(Also to Dearest drig. unit line, if any) 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 2600' 2470.16 19. PROPOSED DEPTH 18. DISTANCE FROM PROPOSED LOCATIONS 20. ROTARY OR CABLE TOOLS TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1700' 12,500' ROTARY 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 22. APPROX. DATE WORK WILL START* UPON APPROVAL 3793.7 GL 23. PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 17-1/2" 13-3/8["] 500 SUFFICIENT TO CIRCULATE 48# 11" 8-5/8" 24# & 28# 4800 SUFFICIENT TO CIRCULATE 7-7/8" 5-1/2" 17# 12,500' 400 SACKS AFTER SETTING PRODUCTION CASING, PAY ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY. SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA BOP SKETCH SURFACE USE AND OPERATIONS PLAN API ROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPHLATIONS ATTACHED ---IN ABOVE SPACE DESCRIBE PHOFOSED PROGRAM : If proposal is to deepen or plug back, give data on Credent productive zone and proposed new productive zone. If proposal is to dril or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

APPROVED BY
CONDITIONS OF APPROVAL, FANTS

APPROVAL, FANTS

TITLE Agent

APPROVAL DATE

APPROVAL DATE

APPROVAL DATE

APPROVAL DATE

CONDITIONS OF APPROVAL, FANTS

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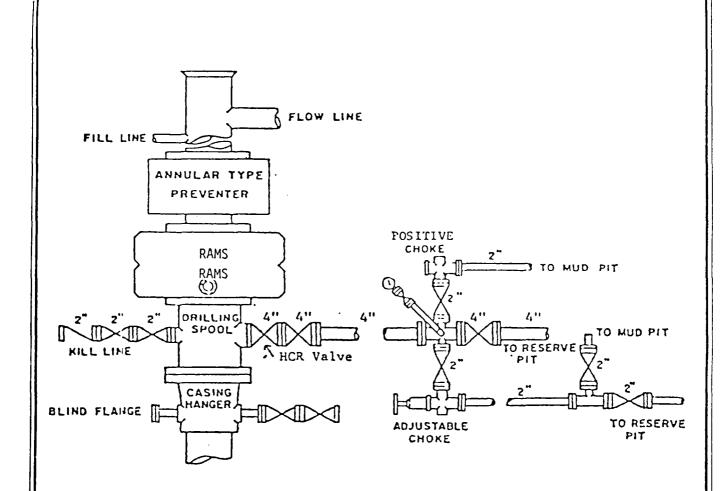
NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

W. 6

Form C-102 Supersedes C-128 Effective 1-1-65

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

Cherator	perator				Well No.
Robert N. Enfield			Hudson Fed	eral	3
Unit Letter Section Township		Range County			
0	19	18 South	33 East	Lea	·
Actual Footage Loca	ition of Well:	 			· · · · · · · · · · · · · · · · · · ·
660	feet from the	South line and	2310 100	et from the East	line
Ground Level Elev.	Producing For		P001		dicated Acreage:
		STRAWN	UNDESIGNATED SO.	- 1	40
3793.7			· · · · · · · · · · · · · · · · · · ·		Acres
2. If more the	an one lease is		•	or hachure marks on the p entify the ownership there	
	n one lease of dommunitization, u	initization, force-pool	ing. etc?	have the interests of all	l owners been consoli-
Yes	☐ No If a	nswer is "yes;" type	of consolidation		
	s "no;" list the necessary.)	owners and tract des	criptions which have a	ctually been consolidated	l. (Use reverse side of
				consolidated (by commun ch interests, has been ap	
sion.					
	1			[]	ERTIFICATION
	ļ		,	1	
	-			I hereby certi	fy that the information con-
}	•		•	f	is true and complete to the
	i		1		
	i		i	Dest of my kni	owledge and belief.
i		:	1	$11 \sim 1$	•
	ı		I	Name //	$-\rho_{\rho}$
	+	. 	· —	The	Harren
1	i		, i	Arthur	R. Brown
ł	1		i ,	Position	'
				Agent	
	ı			Company	
	İ		OR OFESS/O	ROBERT	N. ENFIELD
	1		O AND SUSTEEN	Date	
	1	- $ MS$	X/MILE LOSSIVE	JANUAR	Y 20, 1989
	1		1315 PM 8		,
		1131	4 M 3 3		
			676		
	!	1/05/	10/3/	I hernby cer	tify that the well-location
	1		JOW MEXICO	shown on this	plat was plotted from field
			COL THES	notes of actu	al surveys made by me or
,	İ			under my supe	ervision, and that the same
1	1		1	is true and	correct to the best of my
'	ı		!	knowledge and	· ·
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1	,		, 7		
govidoa:	· ·	42 J	,		
1071223	~	₹\ ₂ ,	7	Date Surveyed	
	I .	!! 0-!	2310	Januar	y 6, 1989
1 mga 1	P77	₩ ! ↓ !)		essional Engineer
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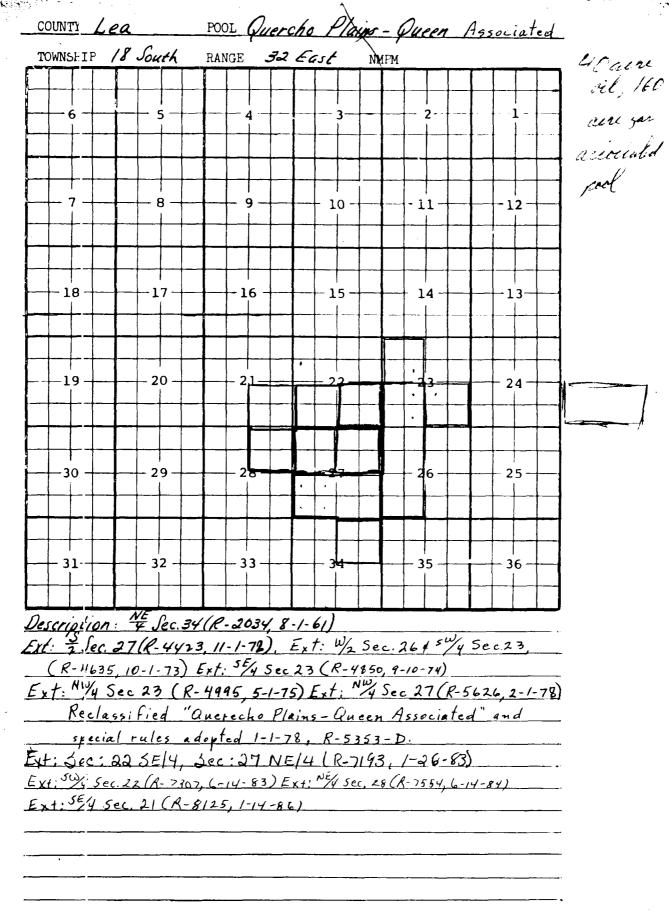
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Lea Pool South Corbin-Bone Springs County TOWNSHIP 18 South Range 33 East/ 10 --11--12 -16 24-- 29 -- 28 -- 26 -25 -- 3₁) -- 31-- 32 -- 33 -34 -- 35 -36 -Description: 5W/4 Sec. 21 (R-6576, 2-10-81) Ext: 1/2 Sec. 20 (R-82)7, 8-14-86) Ext; E/2 Sec, 21, NW/4 Sec, 22 (R-8340, 11-3-86) EXT: SW/4 SEC 22, NW/4 SEC 67 (R-8826, 12-22-88)

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Description: 5 1/4 Sec. 27, (R-1424, 7-1-59).

Ext. 1 1/4 Sec. 34 (R-5987, 4-1-79) Redesignated "Upper" Bone Springs

with vertical limits set at 9390'- 8180' (R-6352-A, 2-21-50)

Ext: N 5/4 Sec. 34, 1/2 Sec. 35 (A-7396, 12-9-87) Ext: 1/2 Sec. 2> (R-8024,8-30-85)

Ext: N 1/4 Sec. 26 (R-8041, 10-3-85)

Ext. 54/4 Sec, 23 50/4 Sec. 25, 6/2 NE/4 Sec. 26, NW/4 Sec. 36 (R-8214,5-1-86)

Ext: 55/1 Sec. 23 (R-8277,8-14-86) Ext: 55/4 Sec. 22 (R-8340, 11-3-86)
Ext: NC/4 Sec. 23 (R-8409, 3-7-87) Ext: NC/4 Sec. 23 (R-8533 14/28/87)

EXT! 5 N/4 Sec 14 (R-8856, 1-29-89) EXT: SE/4 Sec 14 (R-8901 4-1-89)

Ext. 50/4 Sec. 24, NW/ Sec. 25, E/2 NE/ and 8/2 Sec. 26, 5E/1 Sec. 27 (A-8233, 5-29-86)

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P-882C /2-22-88)

> TOWNSHIP/8 South HANGE 33 East Ψ A NY X 25

Description: NEW Sec. 18 (R-5334, 12-1-74) Ext. 42 sec. 18 (R-8824, 12-22-88) EXT: Sw/H sec. 14, 56/45ec 17 (R-8901 4-1-87)

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TOWNSHIP South RANGE 32 Bast NEW MEXICO PRINCIPAL MERIDIAN ĕ

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- 36	25	24	-13	-12	

Description 564 Sec. 21 (P. 3342, 12-1-67) # Sec. 29 (P. 3438, 17-1-68) Ext. Lec 17 Swly 18 8/2, 20 mily (8-7/14 10-19-82) EXT 5014 Sec. 20 (A-598), 4-1-28) Err. 4 Sec. 28 (8-6368 7-1-80)

Exr: 1/2 SEC 13 (18 8696 1/22/88)

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NE /4 sec 20 Nw/4 sec 21 (K-8401 4-1-89) Ex+ 36 4 Sec. 16 (R-8461 6-25-87) Ext; 544 Sec 8 (6 8662 6/1658) Ext. Not sec. 17 (1.80 3x, 11-8.85) Ext. Not Sec. 21 Not sec. 22 (8-8340, 11-3-80) Carl Marie Cours

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Description: NW, Sec. 28 (R-3043 3-1-66)
Description: NW, Sec. 28 (R-3043, 3-1-66) Ext: 4 Sec. 27; 5 Sec. 28(R-3218, 5-1-67) - 12 Sec. 27(R-3261, 7-1-67) Ext: 1/2 Sec. 29, 1/2 Sec. 30 (R-6368, 1-1-50) Ext. 1/2 Sec. 22 (R-8:125, 1-14-8
Est. 1/2 Sec 29 1/2 Sec. 30 (R-6368, 7-1-50) Ext. 1/2 sec. 22 (R-8125, 1-14-8
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