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Chevron U.S.A. Inc. George F. Pritchard Geologist 15 Smith Road Midland, Texas 79705 OCT 2 3 2003
OIL CONSERVATION
DIVISION

ChevronTexaco

October 20, 2003 LENTINI FEDERAL 1 #15 CONVERSION TO INJECTION HERRADURA BEND, EAST - DELAWARE EDDY, NEW MEXICO

Mr. David Catanach

Attached are an updated list of wells within one half mile of the proposed water injection well and the well bore diagrams for the plugged & abandoned wells in the area of interested covered under the ChevronTexaco C-108 application dated August 21, 2003. Only two of these wells are officially plugged [3001502480, 3001502479] and a third has been approved for plugging [3001527180; approved well bore diagram included]. A fourth well [3001527182] was assumed plugged due to lack of production but has been subsequently re-completed as a producing well [most recent C-103 included].

These diagrams should complete the requirements of Form C-108. ChevronTexaco looks forward to your final approval of our application. If you require any further information or have any questions, please contact George Pritchard at 432-687-7206.

Sincerely,

George F. Pritchard

Geologist

New Mexico Area

Attachments

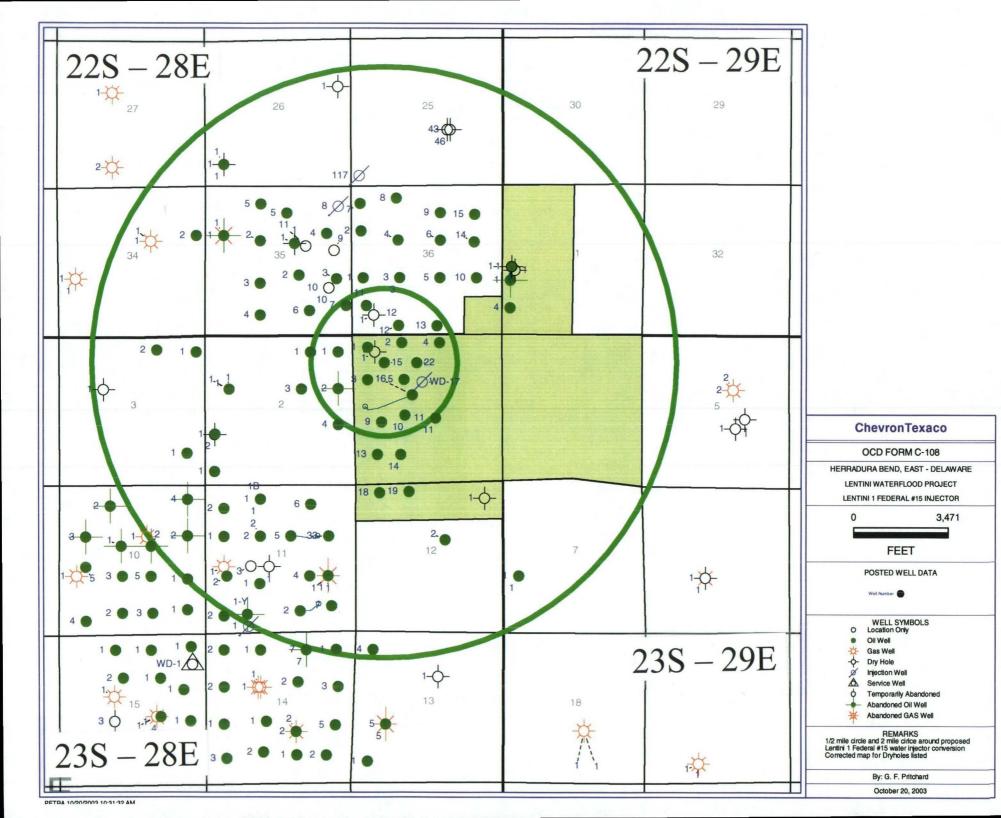
Cc:

State of New Mexico c/o District 2 Office 1301 W. Grand Avenue Artesia, NM 88210

Lentini Fedral 1 #15 C-108 Application

Project Area - Herradura Bend

Operator	Lease Name	Well #	API#	T-R-s	Location Footages	County	Size (in)	Casing Depth (ft) C	mnt (sx)	Top of Cement	Spud Date	Comp Date	Reco	ord of Completion	A/C	Formation	Status	Total Depth
ChevronTexaco	Lentini Federal 1	1	3001527533	23S-28E-1	500 FNL 400 FWL	Eddy	8-5/8 5-1/2	514 6400	575 1300	surf surf	7/20/1993	9/17/1993	5878-6128	acidz, sd frac	Α	Brushy Canyon	Prod	6400
ChevronTexaco	Lentini Federal 1	2	3001527534	23S-28E-1	330 FNL 1650 FWL	Eddy	8-5/8 5-1/2	517 6400	600 1350	surf surf	8/3/1993	10/21/1993	5220-6194	acidz, sd frac	Α	Brushy Canyon	Prod	6400
ChevronTexaco	Lentini Federal 1	3	3001527535	23S-28E-1	1650 FNL 400 FWL	Eddy	8-5/8 5-1/2	320 6385	200 900	surf surf	2/8/1994	3/2/1994	5570-6164	acidz, sd frac	A	Brushy Canyon	Prod	6385
ChevronTexaco	Lentini Federal 1	4	3001527594	23S-28E-1	330 FNL 2310 FEL	Eddy	8-5/8 5-1/2	380 6450	350 2100	surf surf	10/1/1993	11/3/1993	5425-6070 6229-6247	acidz, sd frac	A C	Brushy Canyon Brushy Canyon	Prod	6450
ChevronTexaco	Lentini Federal 1	5	3001527565	23S-28E-1	1650 FNL 1725 FWL	Eddy	8-5/8 5-1/2	417 6395	375 1700	surf surf	10/14/1993	11/29/1993	5645-6174	acidz, sd frac	A	Brushy Canyon	Prod	6400
ChevronTexaco	Lentini Federal 1	9	3001527569	23S-28E-1	2060 FSL 900 FWL	Eddy	8-5/8 5-1/2	290 6340	200 1325	surf surf	6/8/1994	7/13/1994	5897-6138	acidz, sd frac	A	Brushy Canyon	Prod	6340
ChevronTexaco	Lentini Federal 1	10	3001527570	23S-28E-1	2310 FSL 1750 FWL	Eddy	8-5/8 5-1/2	255 6350	200 1600	surf surf	5/26/1994	7/7/1994	5863-6240	acidz, sd frac	Α	Brushy Canyon	Prod	6350
ChevronTexaco	Lentini Federal 1	11	3001527571	23S-28E-1	2310 FSL 2160 FEL	Eddy	8-5/8 5-1/2	267 6390	200 1410	surf surf	4/23/1995	4/23/1995	5230-6264	acidz, sd frac	Α	Brushy Canyon	Prod	6390
ChevronTexaco	Lentini Federal 1	15	3001528230	23S-28E-1	1000 FNL 1125 FWL	Eddy	8-5/8 5-1/2	270 6365	200 1250	surf surf	12/20/1994	3/15/1995	5912-6182	acidz, sd frac	A	Brushy Canyon	Prod	6365
ChevronTexaco	Lentini Federal 1	16	3001529614	23S-28E-1	2575 FNL 435 FWL	Eddy	8-5/8 5-1/2	300 5972	225 1317	surf surf	7/23/1997	5/14/1998	5972-7470	acidz, sd frac	А-ОН	Brushy Canyon	Prod	7470
ChevronTexaco	Lentini Federal 1	WD-17	3001529735	23S-28E-1	2314 FSL 2160 FEL	Eddy	8-5/8 5-1/2	312 3159	200 995	surf surf	7/16/1997	9/17/1997	2855-3159	acidz, sd frac	A	Bell Canyon	SDW	3200
ChevronTexaco	Lentini Federal 1	22	3001528475	23S-28E-1	990 FNL 2310 FWL	Eddy	8-5/8 5-1/2	289 6429	450 1340	surf surf	5/16/1995	5/16/1995	5956-5976	acidz, sd frac	A	Brushy Canyon	Prod	6430
Murphy-Dyer	Marks	1	3001502480	23S-28E-1	660 FNL 660 FWL	Eddy	8-5/8 5-1/2	268 2892	125 100	??? ???	7/29/1958	11/1/1958	2798-2812	sd frac	С	Bell Canyon	D&A	2892
Devon Energy	Warthog 2 State	1	3001527169	23S-28E-2	660 FNL 660 FEL	Eddy	8-5/8 5-1/2	410 6390	250 1780	surf surf	11/23/1992	12/19/1992	5930-5980	acidz, sd frac	A	Brushy Canyon	Prod	6390
Devon Energy	Warthog 2 State	2	3001527180	23S-28E-2	1980 FNL 660 FEL	Eddy	8-5/8 5-1/2	400 6356	250 1850	surf surf	12/14/1992	3/3/1993	5910-5980 6126-6172	acidz, sd frac plugged	С	Brushy Canyon	P&A	6356
Devon Energy	Warthog 2 State	4	3001527182	23S-28E-2	1980 FSL 660 FEL	Eddy	8-5/8 5-1/2	400 6392	500 1650	surf surf	1/11/1993	4/6/1993	5574-5589 5950-5980	acidz, sd frac acidz, sd frac	A C	Brushy Canyon	Prod	6392
Yates Harvey Co	Loving 2 State	1	3001527287	23S-28E-2	660 FNL 1650 FEL	Eddy	8-5/8 5-1/2	417 6400	300 1750	777 777	2/2/1993	3/23/1993	5907-5945	acidz, sd frac	A	Brushy Canyon	Prod	6400
Westall Ray	Santa Fe Federal	7	3001527118	22S-28E-35	990 FSL 330 FEL	Eddy	8-5/8 5-1/2	421 6380	300 1450	7?? ???	11/3/1992	11/29/1992	6099-6220	acidz, sd frac	A	Brushy Canyon	Prod	6380
Dominion TX/OK Exploration	Pinnacle State	11	3001527254	22S-28E-36	1225 FSL 2000 FWL	Eddy	8-5/8 5-1/2	555 6373	425 805	surf ???	10/22/1992	2/20/1993	5966-6214	acidz, sd frac	Α	Brushy Canyon	Prod	6400
Dominion TX/OK Exploration	Pinnacle State	12	3001527762	22S-28E-36	330 FSL 1650 FWL	Eddy	8-5/8 5-1/2	520 6250	350 1550	surf surf	10/4/1995	9/7/1996	5216-6198	acidz, sd frac	Α	Brushy Canyon	Prod	6250
Dominion TX/OK Exploration	Pinnacle State	13	3001527763	22S-28E-36	330 FSL 2310 FEL	Eddy	8-5/8 5-1/2	503 6372	320 1600	surf surf	9/18/1996	2/2/1996	6184-6194	acidz, gel frac	A	Brushy Canyon	Prod	6372
Morrison RR	Gulf-State	1	3001502479	22S-28E-36	660 FSL 660 FWL	Eddy	8-5/8	255	25	???	8/26/1960	10/6/1960	N/A	N/A	С	Bell Canyon	D&A	2893



Well: Murphy-Dyer Drlg Neal Marks #1

Location:

660' FNL & 510' FWL Section: 1 (NW/4 NW/4)

Township: 23S Range: 28E Unit: D County: Eddy State: NM

Elevation: DF: 3065'

Log Formation Tops						
Castile	1905'					
Base Castile	2518'					
Lamar	2729'					
Delaware Sand	2771'					

10 sx cmt plug @ 280'

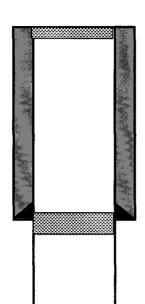
5 1/2" csg cut @ 2181'

10 sx cmt plug @ 2400'

TD: 2892

Current **Wellbore Diagram**

Field: Wildcat



Reservoir: Delaware (Bell Canyon)

Well ID Info:

API No: 30-015-02480 Spud Date: 7/29/58 Rig Released: 8/14/58

Compl. Date: 11/10/58 D&A

5 sx cmt plug @ surface

Surface Csg: 8 5/8", 28 # Set: @ 268' w/125 sx cmt

Initial Completion:

Tested Delaware Sands Set 10 sx cmt plug @ 2400'

Cut 5 1/2" csg @ 2181' and pulled

Set 10 sx cmt plug @ 280' and 5 sx cmt plug @ surface

Prod. Csg: 5 1/2", 14 # Set: @ 2892' w/100 sx cmt

2181' pulled

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COPY (SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

1 cy , to SF.

	Ap	proval expires	12-31-60.
und	Office	Las	Cruce
890	No	0616	579

RECEIVED

APR 3 1961

SUNDRY NOTICES AND REPORTS ON WELLS. C. C. C. OFFICE

SUE	SEQUENT REPORT OF WATER SHUT-OFF	
SUB	SEQUENT REPORT OF SHOOTING OR ACIDIZING	
SUB	SEQUENT REPORT OF ALTERING CASING.	
SUB	SEQUENT REPORT OF RE-DRILLING OR REPAIR.	
SUB	SEQUENT REPORT OF ABANDONMENT.	X.
SUP	PLEMENTARY WELL HISTORY.	
	SUB SUB SUB SUB	SUBSEQUENT REPORT OF WATER SHUT-OFF

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	*******	February	, 19_59
Well No is located	660 ft. from [N] lin	ne and <u>660</u> ft. from	W line of sec
Nw. Section 1 04 Sec. and Sec. No.)	23 S. 28 E.	M.M.P.M.	
(34 Sec. and Sec. No.)	(Twp.) (Range)	(Meridian)	
Wildcat (Field)	Eddy	New i.e	exi co
(Field)	(County or Subdivision	i) (Stai	e or Territory)
The elevation of the derrick floor	or above sea level is3	1065 ft.	RECEIVED
	DETAILS OF		FEB 1 1 7.59
(State names of and expected depths to obje	ctive sands; show sizes, weights, ing points, and all other import	and lengths of proposed casings; ant proposed work)	U. S. GEGLUGICAL SURVEY ARTESIA, NEW MEXICO
The work performed on to on Form 9-331a under da			by submission

On November 9, 1958 a unit was moved over location with which rod and tubing were pulled. Tubing was then rerun and cement plug of ten sacks was placed at depth of 2400 feet. McCullough Tool Company out $5\frac{1}{2}$ casing off on November 10, 1958 at a depth of 2181 feet. Casing was then pulled and tubing rerun to depth of 280 feet at which depth a plug of ten sacks cement was set. A five sack plug of cement was then set at the surface in the 8-5/8" casing with a regulation marker set in the cement. Pits have been backfilled and location site has been left in an

acceptable condition.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Nurphy-Dyer Drilling Company

Address Eax 207

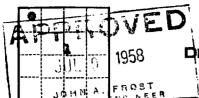
Midland, Texas By /s/Charles P. Miller

GPO 862040

Title Agent

Form 9-881 a (Feb. 1961)

(SUBMIT IN TRIPLICATE)



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office	a	Crucos
Lease No	061	<i>7</i> 79
Unit D		

JOHN A. FROST	!	<u> </u>] 16K
SUNDRY	NOTICES ANI	O REPORTS ON WELLS	•
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OTICE OF INTENTION TO CHANGE.	1.ANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
OTICE OF INTENTION TO TEST WAT	ER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
OTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	1 1
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Budges Bureau No. 65-Rhd.4.
Approval expires 17-81-80.
L. S. LAND OFFICE
U. S. LAND OFFICE
U61679
SERIAL NUMBER
LEASE OR PRIMITY 70 PROSPECT UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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APPROVED PEW MEXICO JULI 17 1958 OIL CONSELVATION COMMISSION JOHN A. FROST Well Location and/or Gas Proration Plat

Form C-128

	013.1.2			Date July 7	1958
Operator	Murphy-Dyar Drilling	Do., Inc.	Lease Neal Mar	ka (Federal)	<u> </u>
Well No.	Section	1 Towns	ship23_S	Range 28 E	NMPM
Located	660 Feet Fro	m North I	ine, 510	Feet From West	Line,
	Eddy	_County, New M	exico. G. L. I	Elevation	
Name of P	roducing Formation		Pool Wildest	Dedicated Acre	age <u>10</u>
	(Note: All dista	nces must be fr	om outer bounda	ries of Section)	
	-570'1	٠	 		
NOTE					
his section form is to b used for gas wells only.	ne			1 7 1958	
) 		IA, REM WILLIAM	
1. Is this	Well a Dual Comp. ?	Yes No .	This is to ce	rtify that the above	plat was
2. If the any other	answer to Question ler dually completed wed acreage? Yes	is yes, are there ells within the	prepared from made by me that the same	om field notes of action or under my superve are true and correnowledge and belief.	ual surveys ision and ect to the
Name Position Represent: Address	ing Marphy Byer Dalige	Go., Inc.,	Date Surveye Registered Land Survey	Professional Engine	er and/or

Well: Richard R. Morrison Gulf State #1

Location:

660' FSL & 660' FWL Section: 36 (SW/4 SW/4)

Township: 22S

Range: 28E Unit: M County: Eddy State: NM

Elevation:

DF: 3082'

Log Formation Tops						
Salt	312'					
Base Castile	2570'					
Lamar	2806'					
Delaware Sand	2844'					

15 sx cmt plug @ 312'

15 sx cmt plug @ 2570'

TD: 2893"

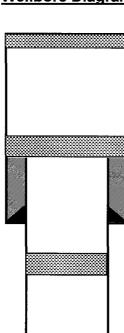
10 sx cmt plug @ 2893'

By: W.P. Johnson

Updated: 10-20-03 by WAYN

Field: Wildcat

<u>Current</u> Wellbore Diagram



Well ID Info: API No: 30-015-02479 Spud Date: 9/29/60

Rig Released: 10/1/60 Compl. Date: 10/4/60 D&A

Reservoir: Delaware (Bell Canyon)

5 sx cmt plug @ surface

15 sx cmt plug @ 150'

8 5/8" csg cut @ 150'

Surface Csg: 8 5/8", 28 # Set: @ 254' w/50 sx cmt Hole Size: 10" to 254'

150' pulled

Initial Completion:

D&A drilled to 2893' set 25 sx cmt plug @ 2893'

set 15 sx cmt plug @ 2570' (Base of Salt) set 15 sx cmt plug @ 312' (Top of Salt) set 15 sx cmt plug @ 150' (Top of 8 5/8" csg)

set 5 sx cmt plug @ surface

NEW MEXICO OIL CONSERVATION COMMISSION

at 10 1960 MISCELLANEOUS REPORTS ON WELLS (Submit to appropriate District Office as per Commission Rule 1106). Name of Company
Richard R. Morrison Address F. 0. Box 1104 Roswell. N.M. Range 28 East Well No. Unit Letter Section Township Lease 22 South Gulf State 36 Date Work Performed Pool County Oct. 4. 1960 Wildcat Ecdy THIS IS A REPORT OF: (Check appropriate block) Casing Test and Cement Job Other (Explain): Beginning Drilling Operations Plugging Remedial Work Detailed account of work done, nature and quantity of materials used, and results obtained. Verbal approval for Plugging on Oct. 3, 1960 from Mr. M. Armstrong 25 sacks at bottom of hole (2893) 15 sacks at Base of selt (2570) 15 sacks at mop of salt (312)
15 sacks at mop of 55/8" casing (150) 5 sacks at Top with a Dry Hole Marker Mud between Plugs Pulled 150' of 8 5/8" Casing Position Witnessed by Company Richard R. Morrison Audley D. Morden. Jr. Consultant FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY ORIGINAL WELL DATA DF Elev. TD PBTD Producing Interval Completion Date **Tubing Diameter** Tubing Depth Oil String Diameter Oil String Depth Perforated Interval(s) Open Hole Interval Producing Formation(s) RESULTS OF WORKOVER Oil Production Gas Well Potential Gas Production Water Production GOR Date of Test BPD MCFPD BPD Cubic feet/Bbl Test MCFPD Before Worko ver After Workover I hereby certify that the information given above is true and complete to the best of my knowledge. OIL CONSERVATION COMMISSION Approved by Title

Position

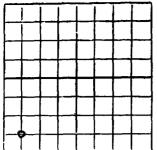
Соправу

RICHARD R. MORRISON

OFL AND GAS INSPECTOR

FE

Date



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico RECEIVED

WELL RECORD

OCT 18 1960

O. C.

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations

Section 36 If State Land the Oil and Gas Lesse No. Ia. September 29 19-60 Drilling Commenced. September 29 19-60 Drilling was Completed. October 1 19-61 Southwestern, Inc. Box 1116, LowIngton, New Hexico didrea. OIL SANDS OR EONES OIL SANDS OR EONES 10-1, from. 10-1, from. 10-2, from. 10-3, from. 10-3, from. 10-4, from. 10-4, from. 10-1, from.				of the Con	mission. Submit in	QUINTUPLIC	ATE. If State	Lend submit (i Copies
Company or Operatory	LOCA								
rell No. 1 in SW 16 of SW 18, of Sec 36 T. 22 South 28 East Note Wildcat Pool, Eddy Committee of the from South Inc and 660 feet from Mest Section 36 If State Lead the Oil and Gas Lease No. in E-4205 Section 36 September 23 19.50 Drilling was Completed October 1 19.50 milling Commenced September 23 19.50 Drilling was Completed October 1 19.50 ame of Drilling Commenced Southwestern, Inc. BOX 1116, LovIngton, New Hexico BOX 1116, LovIngton, Ne		Richa				G	- ·	**********************	
Will ideat Pool, Eddy Completed 660 feet from Mest 16 feet in 660 feet from Mest 16 feet feet feet feet feet feet feet fee		1	(Company or O)		36	_	22 South	28 East	
Section South Res and 660 feet from Nest	Vell No	*····						<u></u>	
The section 36 If State Land the Oil and Gas Lease No. is. E-4205 September 29 1960 Drilling was Completed October 1 196 ame of Drilling Contractor. Southweestern, Inc. BOX 1116, Lovington, New Haxico divers. BOX 1116, Lovington, New Haxico The information given is to be kept confidential at 19. OIL SANDS OB SONES OI, from No. 4, from 10. OIL SANDS OB SONES OI, from No. 5, from 10. OIL SANDS OB SONES OI, from 10. No. 6, from 10. IMPORTANT WATER SANDS Sected data on rate of water inflow and elevation to which water rose in hole. OI, from 10. OIL SANDS OB SONES NO. 6, from 10. IMPORTANT WATER SANDS Section 10. OIL SANDS OB SONES SECTION 10. OIL SANDS OB SONES NO. 6, from 10. OIL SAND				A AL				West	
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AMOUNTS OF SERVING STATES AND STA	rilling Con	menced				was Completed	OCTOBER	······	, 19
Levation above sea level at Top of Tubing Head	ame of Dri	lling Contra	ctor				*******************************	**********************	*************
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OEL SANDS OR ZONES 10. 1, from	levation ab	ove sea level	at Top of Tub	ing Head	3082 feet	The in	formation given is	to be kept confid	ential un
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DELICATION NO. 5, from to No. 5, from to No. 6, from No. 6, fro	- 1 6					-	•		
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2893 feat			***********		***************************************		**************************************		

RECORD OF DRILL-STEM AND SPECIAL TESTS

. If drill-stem or other special tests or desiation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Cable too	_		0 ,	2893	feet, a	na trom	•••••••	feet to	feet.
	ls were us	ed irom	feet	80		nd from	*******	feet to	feet.
					CTION				
Put to Pr	roducing		.,,	19					
OIL WE	LL: The	e production	during the first 24 h	nours was	·····	barı	rels of liq	uid of which	🐕 was
	was	oil;	% was	emulsion;	·····	% water	; and		ent. A.P.I.
	Gra	avity						•	
GAS WE	LL: The	e production	during the first 24 h	nours was		M.C.F. ph	us		barrels of
	liqu	aid : Iydroca	rbon. Shut in Pressur	lbs				. 3	
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_								ADDITORY OF COMMENT	
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B. Sait.	,			Γ. Montoya				Farmington	
				C. Simpson				Pictured Cliffs	
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				Γ. Gr. Wash				Mancos	
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I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

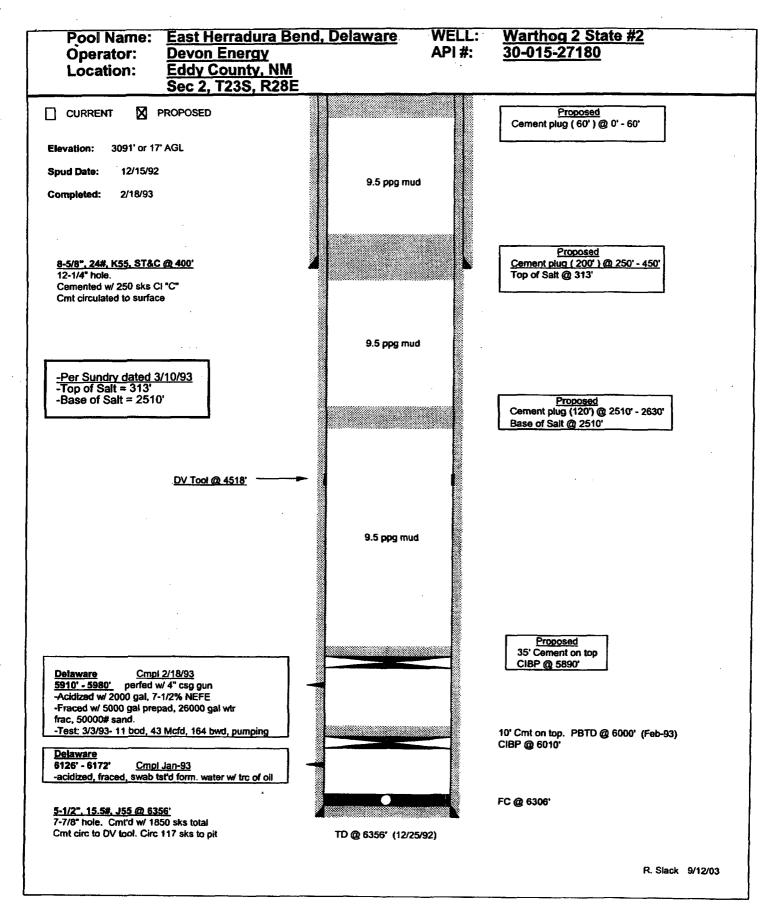
October 10, 1960

Company or Operator. Richard R. Morrison

Address. Box 1104, Rossiell, New Mexico

Name. Guelly, W. Marsley, M. Positte. Consultant for Richard R. Morrison

Submit 3 Copies To Appropriate District 2021220 State of New Mexico	Form C-103
Submit 3 Copies To Appropriate District 10 State of New Mexico Office District 11 1301 W. Grand Ave., Artesia NM 88210 District III 1000 Rio Brazos Rd., Azter NM 87410 District IV 1220 S. St. Francis Dr., Santa fe, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	Revised June 10, 2003
1625 No French Dr. Hobbs NATR8240	WELL API NO.
District II	30-015-27180
1301 W. Grand Ave., Artesia NM 88210 (1) OF CONSERVATION DIVISION	5. Indicate Type of Lease
District III S 1220 South St. Francis Dr.	STATE S FEE
1000 Rio Brazos Rd., AzteryNM 874103 Santa Fe. NM 87505	6. State Oil & Gas Lease No.
District IV	U. State On & Gas Lease 140.
87505 C. Saller C. Saller C.	
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	Warthog 2 State
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	
PROPOSALS.)	8. Well Number
1. Type of Well:	2
Oil Well Gas Well Other	
2. Name of Operator	9. OGRID Number
Devon Energy Production Company, LP	6137
3. Address of Operator	10. Pool name or Wildcat
20 North Broadway, Suite 1500, Oklahoma City, Oklahoma 73102	East Herradura Bend (Delaware)
4. Well Location	23333333333
4. Well Education	İ
Unit Letter H: 1980 feet from the North line and	660 feet from the East line
One Letter A leet nom the _worth mie and	_660feet from the _Eastline
Section 2 Township 23S Range 28E	NMPM Eddy County
11. Elevation (Show whether DR, RKB, RT, GR, etc.	
3073.7' GR	
12. Check Appropriate Box to Indicate Nature of Notice	, Report or Other Data
NOTICE OF INTENTION TO: SUE	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒ REMEDIAL WO	RK ALTERING CASING
_	
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DE	RILLING OPNS. PLUG AND
-	ABANDONMENT
PULL OR ALTER CASING MULTIPLE CASING TEST A	
COMPLETION CEMENT JOB	
	•
OTHER: OTHER:	
13. Describe proposed or completed operations. (Clearly state all pertinent details, as	nd give pertinent dates, including estimated date
of starting any proposed work). SEE RULE 1103. For Multiple Completions: A	attach wellbore diagram of proposed completion
or recompletion.	S
1. Set CIBP at 5890'. Cap with 35' of cement.	. •
2. Circulate wellbore full of 9.5 ppg mud.	
3. Spot balanced cement plug from 2510' - 2630' (base of salt at 2510'). WOC. Tag plug	
4. Spot balanced cement plug from 250' - 450' (8-5/8" shoe at 400'. Top of salt at 313').	WOC Teaning
5. Spot cement plug from 0' - 60'. Wait 24 hrs and tag.	WCC. Tag plug.
6. Cut off 8-5/8" casing 3' below ground level and install dry hole marker.	
7. Restore location.	
7. Restore rocation.	
Cement class "C" at 14.8 ppg with a yield of 1.32 cu. ft/sx.	
Centent class C at 14.0 ppg with a yield of 1.52 cu. losx.	24 hrs. prior to any work done
Notify OCD 7	24 nrs. prior to any work now.
Estimated start date: November 15, 2003	
I hereby certify that the information above is true and complete to the best of my knowledg	e and belief.
Q. 11 11 1	
SIGNATURE Komme &. Stack TITLE: Engineering Technician	DATE9/12/03
,	· · ·
Type or print name Ronnie G. Slack Ext. 4615 E-mail address: Ronnie Slack@dvn.c	com Telephone No. 405-235-3611
(This space for State use)	A
/ YY	APPROVED SEP 1 8 2003
APPPROVED BY TITLE SUIT OF	DATE DATE
Conditions of approval, if any:	DATE
·· · · · · · · · · · · · · · · · · · ·	



Pool Name: Operator: Location:	East Herradura Bound Energy Eddy County, NM Sec 2, T23S, R288	<u> </u>	WELL: API #:	Warthog 2 State #2 30-015-27180
8-5/8", 24#, K55, ST&C 12-1/4" hole. Cemented w/ 250 sks C Cmt circulated to surface	:			Elevation: 3091' or 17' AGL Spud Date: 12/15/92 Completed: 2/18/93 Production Tbg: None in well
	DV Tool @ 4518'	-		
5910' - 5980' perfed v -Acidized w/ 2000 gal, 7- -Fraced w/ 5000 gal pref frac, 50000# sand. -Test: 3/3/93- 11 bod, 43 Delaware 6126' - 6172' Cmpl	'-1/2% NEFE			10' Cmt on top. PBTD @ 6000' (Fab-93) CIBP @ 6010'
5-1/2", 15.5#, J55 @ 63: 7-7/8" hole. Cmt'd w/ 18 Cmt circ to DV tool. Circ	B50 sks total	TD @ 6356' (12/2	25/92)	FC @ 6306'
_				R. Stack 9/10/03

State of New Mexico Energy, Minerals and Natural Resources Department



DISTRICT

OIL CONSERVATION DIVISION

ELL API NO.	
30-015-27180	
. Indicate Type of Lease	n

- DATE -

P.O. Box 1980, Hobbs, NM 88240	P.O. Box 208	8 RECEIVED	WELL API NO.
DISTRICT II P.O. Drawer DD. Artesia, NM 88210	Santa Fe, New Mexico	87304-2088	30-015-27180
DISTRICT III	!	DEC 2 9 1992	S. Indicate Type of Lesse STATE FEE
1000 Rio Brazos Rd., Aziec, NM 87410		O. C. D.	6. State Oil & Gas Lease No. VB-407
SUNDRY NOTIC	ES AND REPORTS ON WEL	FRIDAM ANDER	
(DO NOT USE THIS FORM FOR PROF DIFFERENT RESERV	'OSALS TO DRILL OR TO DEEPEN 'OIR. USE "APPLICATION FOR PEI		7. Lease Name or Unit Agreement Name
	01) FOR SUCH PROPOSALS.)		
1. Type of Well: Oll GAS WELL [A] WELL [OTHER		Warthog 2 State
2. Name of Operator			8. Well No.
Santa Fe Energy Operat 3. Address of Operator	ting Partners, L.P.		2 9. Pool name or Wildon
· ·	330, Midland, Texas 7	9701	East Herradura Bend (Delaware)
4 Well Location			
Unit Letter H: 1980	Fees From The North	Line and 660	Feet From The East Line
Section 2	Township 23S Ra	nge 28E	NMPM Eddy County
	10. Elevation (Show whether		
XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3073.7		
11. Check A	ppropriate Box to Indicate 1		•
		,	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	OPNS. PLUG AND ABANDONMENT 🗌
		1	
PULL OR ALTER CASING		CASING TEST AND CE	MENT JOB XX
PULL OR ALTER CASING		CASING TEST AND CE	MENT JOB XX
	Clearly state all pertinent details, an	OTHER:	
OTHER: 12. Describe Proposed or Completed Operation work) SEE RULE 1103.		OTHER:	
OTHER: 12. Describe Proposed or Completed Operation		OTHER:	
OTHER: 12. Describe Proposed or Completed Operation work) SEE RULE 1103. 12/25/92: TD at 6356' 6		OTHER:	ting estimated date of starting any proposed
OTHER: 12 Describe Proposed or Completed Operation work) SEE RULE 1103. 12/25/92: TD at 6356' @ 12/26/92: Logging. RU 12/27/92: Ran 140 jts 5	8:45 a.m. RU to run casing crew and begin 5-1/2" 15.5# J-55 casi	logs. running 5-1/2" ng and set at 63	casing.
OTHER: 12. Describe Proposed or Completed Operation work) SEE RULE 1103. 12/25/92: TD at 6356' @ 12/26/92: Logging. RU 12/27/92: Ran 140 jts 5 DV tool @ 451	8:45 a.m. RU to run casing crew and begin 5-1/2" 15.5# J-55 casing 8'. Cemented 1st sta	logs. running 5-1/2" ng and set at 63 se w/ 325 sx Fre	casing. 356'. FC @ 6306' and emium Plug w/ 8# Silcalite
12. Describe Proposed or Completed Operation work) SEE RULE 1103. 12/25/92: TD at 6356' @ 12/26/92: Logging. RU 12/27/92: Ran 140 jts 5 DV tool @ 451 + .6% HAL322	2 8:45 a.m. RU to run casing crew and begin 5-1/2" 15.5# J-55 casing 8'. Cemented 1st stap + 2.3# salt. Open DV	logs. running 5-1/2" ng and set at 63 se w/ 325 sx Pretool and circ.	casing. 356'. FC @ 6306' and emium Plug w/ 8# Silcalite Had trace of cement to
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CONDITIONS OF AFFROYAL, IF ANY:

SEC 2	23- 162 28		· A	PI # 30-	016 - 27180
TMU				. :	
	· ·				
OPERATOR	South FÉ EUERGY		·	·	•
WELL NAME	WARTHOG "2" ST #2				
	•				
STATE OCD T	OPS AS PER M				DATE 326.93
	•		•		
6	N Marien		N	a-threestern	New Mexico
A	ern New Mexico	(T. Penn. B
Anhy RASILER 2	T. Canyon ———		T. Ojo Alamo		T. Penn. C
	100 T. Suzwn		T. Kiniand-Fruidan		I. Penn. D
	T. Aroka		T. Pierred Clift.		T. Leadville
[. Yates	T. Miss		T. Cliff House		T. Madison
[. 7 Rivers	T. Devonian		T. Menetee		T. Elbert
r. Queen	T. Silvian		T. Paint Lookout		T. McCracken
r. Grayburg	T. Montoya		T. Mancos		
T. San Andres	T. Simpson		T. Gailup		T. Ignacio Otze
T. Glorierz	T. McRee		Base Greenham_		T. Granice
T. Paddock	T Filenburger		T. Dakora		Ţ
T. Blinebry	T. Gr. Wash		T. Morrison		T
T. Tubb	T. Delaware Sand		T. Todilto		T
T. Drinkard .	an a Carrier	6310	T. Engada	-	T
T. Abo	T / SHIP LN	2742	T. Wingare		, T
T. Wolfcame	T. BELL C.	ATTR	T. Chinie		, T
T. Penn	T. CHERRY C.	3620	T. Pennain		T
T. Cisco (Bough C)	i		T. Penn "A"		T
	OIL OI	R GAS S	ANDS OR ZONE	5	
No. 1, from					
No. 2. from			No. 4, from		400000000000000000000000000000000000000
a the second of	MPC	TINATH	WATER SANDS		

<u>feer</u>

REMARKS:

No. 2, from

Include data on rate of water inflow and elevation to which water rose in hole. No. 1, from

No. 3, from

Submis to Appropriate District Office State Lease — 6 copies Fee Lease — 5 copies DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

$\boldsymbol{\mathcal{C}}$	
Form C-105	B
Revised 1-1-89	•

OIL CONSERVAT	ION DIVISION
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P.O. Box 2088

30-015-27180

WELL API NO.

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

5. Indicate Type of Lease

I AK 3 1993 6. State Oil & Gas Lease No.

STATE X

	TRICT III O Rio Brazos Rd., A	ziec, NM 8	7410						A -		"			0.	VB-407
				OB DE	COMPLE	TION RE	PORT	ANN		FREE E	7				
la.	Type of Well:					LIONING	UNI	~11 U	200		17	. Lease Name	e or Unit A	greemen	I Name
-	OIL WELLX	GAS	WELL	$. \square$	DRY 🗌	OTHER					┧ ゙				
	Type of Completion	ı.								•	-				
1	NEW WORK		5N [PLUG		DEFF RESVR OT	HER _					Warthog	; "2" S	tate	
2	Name of Operator						=				7 8	L Well No.	· · · · · · · · · · · · · · · · · · ·		
	Santa Fe E	nergy O	pera	ting !	Partner	s. L.P.							2		
3.	Address of Operator		***********			- /					79	. Pool name	or Wildcat		
	550 W. Tex	as, Sui	te l	330, 1	Midland	, Texas	797	'01			Εε	ast Herr	adura	Bend	(Delaware)
4.	Well Location														
	Unit Letter _	<u>H</u> :.	198	O Feet	From The	North		L	ine and	66	0_	Feet F	rom The	Ea	st Line
	Section	2		Tow	nship	23S	Rang	. 2	28E		NM	PM	Eddy	,	County
	Date Spudded	11. Date T.				ompl. (Ready I	o Prod.)					RKB, RT. G	R, ejc.)	14. Ele	v. Casinghead
	2-15-92		5-92			8-93				3073.				1	
15.7	Total Depth	16.	_	ck T.D.	1	17. If Multiple Many Zon	Compt.	How	18	. Interval	s Rv	Rotary Tool	4	Cabie	
<u></u>	63561			000'			N/	A				ATI		<u> </u>	N/A
19.	Producing Interval(s 5910'-5980				ottom, Name	l						2	O. Was Dir		Survey Made
-				<u>, </u>							_			No	
21.	Type Electric and O	ther Logs Ru	II)									22. Was We	di Cored	Ma	1
23.														No	
						ECORD									
_	CASING SIZE			B/FT.		H SET		OLE S				ENTING R		_ A	MOUNT PULLED
<u> </u>	8-5/8"		4.0			001			-1/4" 250 sx "C"					None	
	5-1/2"	1	5.5		63	561	7	-7/8	-7/8" 1st Stage						
 												tage: 14		<u>C1 C</u>	_+
-										100	S	c C-Neat			
24.				I INI	ER RECO	<u>BD</u>	!			1 2		ודר	BING RE	COPT	
 	SIZE	TOP		-	TTOM	SACKS CE	MENT	-	CREEN		<u>'</u>	SIZE		H SET	
<u> </u>	N/A			 		J. S. C.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			\neg	2	7/8"	581		TA @ 5419'
	****			Ī				_		\neg			1		IN 6 3419
26.	Perforation rec							27.	ACID	, SHO	Γ, F	RACTURI	E CEME	NT. SO	QUEEZE, ETC.
	6126'-6172	' (38 h	oles) Plu	gged				PTH IN						ATERIAL USED
	5910'-5980	1 /26 h	-1	\ A!!				612	26'- 6	1721		CIBP @	6010'	w/ 1	0' cmt on to
	3310 -3360	(30 11	ores	, 4	esg gun	Į.		591	0'-59	1080		2000 ga	1 7½%	NEFE	+ 70 BS.
								<u> </u>							pre-pad,
28.	First Production		1	P	- Mark - 4 (P	PRODU						vtr frac	+ 50,	000#	sand.
	1-30-93					lowing, gas li	ут, ритр	nd - 2n	u ana ty;	« pump)			1		od. or Shut-in)
Date	1-30-93	Hours To	EM.		ping hoke Size	Prod'n Fo		Oil - B	hl.	Gas -	МС	F u	l Pro /ater - Bbi.	duc1	ng Gas - Oil Ratio
	3-3-93	24			N/A	Test Perio		11		4				1	3909
Flow	Tubing Press.	Casing P		- i c	alculated 24-	Oil - Bbl.			- MCF		-	er - BbL	164 Oil Gr	IVIEV - A	PI - (Corr.)
	N/A	30			our Rate	111		1	43	İ		164		0.5°	(
29. 1	Disposition of Gas (S			ersed, esc.	,	·			<u> </u>	i			inessed By	<u> </u>	
	Vented - S												•		1
30. !	is Attachments		-	····		·				71		•			
		C-104,													
31. /	hereby certify tha	u the inform	ration.	shown or	s both sides	of this form	is true	and co	impiese i	o the be	2 0	f my knowie	dge and b	eliej	
		1	1/	7 11	\mathcal{L}	Printed									
	Signature 1	ryy "	14	ullo	ugh	Name To	erry	Mc Cu	illous	<u>h</u> '	Title	Sr. Pr	od. Cl	<u>erk</u> [Date 3/10/93

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 25 through 29 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

Southeaste	ern New Mexico	Northwes	tern New Mexico
T. Anhy	T. Canyon	_ T. Ojo Alamo	T. Penn. "B"
T. Salt313	T. Strawn	_ T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 2510	T. Atoka	_ T. Pictured Cliffs	T. Penn. "D"
	T. Miss		
	T. Devonian		T. Madison
	T. Silurian		T. Elbert
T. Grayburg	T. Montova	T. Mancos	T. McCracken
	T. Simpson		T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
	T. Ellenburger		T
T. Blinebry	T. Gr. Wash	T. Morrison	T
T. Tubb	T. Delaware Sand 2780	T. Todilto	Т,
	T. Bone Springs 6310		T
T. Abo	т		Т
T. Wolfcamp	T		т
T. Penn	т	T. Permain	т
T. Cisco (Bough C)	т.	T. Penn "A"	
	OIL OR GAS S	SANDS OR ZONES	
No. 1, from 5874	to 6018	No. 3. from	to
	to		
		WATER SANDS	
Include data on rate of water i	nflow and elevation to which water re	ose in hole.	
No. 1, from 6126		feet Swa	ab 926 BW over load
No. 2, from		feet	**************************
No. 3, from	to	feet	
	LITUOLOOV DECODD		

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness in Feet	Lithology	From	То	Thickness in Feet	Lithology
2510	2741	231	Anhydrite w/ varying amounts of limestone, dolomite and shale				
2741	2780	39	Limestone w/ varying amounts of sandstone and shale.				
2780	6310	3530	Sandstone w/ varying amounts of shale, limestone and dolomite.				
6310	6355	45	Limestone w/ varying amounts of shale				

Submit 3 Copies		S	tate o	f New Mexico	Form C-103
to Appropriate District Office	00220	Energy, Minerals	and ?	Natural Resources Department	Revised 1-1-89
DISTRICT III 1000 rio Brazos Rd, Aziec, NM. 7 87410 (DO NOT USE THIS.	ORM FOR PR	SIA 67 FICESSAND REPORT	SER P.O. P.O. P.O. TS OF	VATION DIVISION D. Box 2088 Mexico 87504-2088 N WELLS EEPEN OR PLUG BACK TO A	WELL API NO. 30-015-27182 5. Indicate Type of Lease STATE FEE 6. State Oil & Gas Lease No. VB407 7. Lease Name or Unit Agreement Name Warthog 2 State
2. Name of Operator					8. Well No.
DEVON ENERGY	PRODUCTION	COMPANY, LP			4
3. Address of Operator		······································			9. Pool name or Wildcat
20 NORTH BROAD	WAY, SUITE	1500, OKLAHOMA CITY,	OKLA	HOMA 73102 (405) 228-7512	Herrandura Bend East Delaware
4 Well Location					
Unit Letter 1:1980 Fee	t From The <u>SO</u>	uth		Line and 660 Fee	t From The East Line
Ocalia e O	m1:- 0	20	D	. 2017 - 171.471.4	E4th Com
Section 2	Township 2	38	Range		Eddy County
		10. Elevation (Sh 3069' GR	ow who	ether DF, RKB, RT, GR, etc.)	
	Check App	/////, 3069' GR			Other Data
NOTIC		/////, 3069' GR		Nature Of Notice, Report, Or O	Other Data ENT REPORT OF:
	OF INTI	3069' GR propriate Box To Indice ENTION TO:		Nature Of Notice, Report, Or O	ENT REPORT OF:
PERFORM REMEDIAL WOR	OF INTI	3069' GR OTOPTIATE BOX TO INDICATE ENTION TO: PLUG AND ABANDON		Nature Of Notice, Report, Or O SUBSEQUI REMEDIAL WORK	ENT REPORT OF: ALTERING CASING
PERFORM REMEDIAL WOR	OF INTI	3069' GR propriate Box To Indice ENTION TO:		Nature Of Notice, Report, Or O SUBSEQUI REMEDIAL WORK COMMENCE DRILLING OPNS.	ENT REPORT OF:
PERFORM REMEDIAL WOR TEMPORARILY ABANDON PULL OR ALTER CASING	OF INTI	3069' GR OTOPTIATE BOX TO INDICATE ENTION TO: PLUG AND ABANDON		Nature Of Notice, Report, Or OSUBSEQUIREMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JOB	ENT REPORT OF: ALTERING CASING PLUG AND ABANDONMENT
PERFORM REMEDIAL WOR TEMPORARILY ABANDON PULL OR ALTER CASING OTHER:	OF INTI	3069' GR Dropriate Box To Indice ENTION TO: PLUG AND ABANDON CHANGE PLANS	cate 1	Nature Of Notice, Report, Or O SUBSEQUI REMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JOB OTHER: Workover	ENT REPORT OF: ALTERING CASING PLUG AND ABANDONMENT
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PERFORM REMEDIAL WORTEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 13. Describe Proposed or Completed 3/27/03 — RIH w/CIB 3/31/03 — Acidized w/22,	Operations (Clear P & set @ /1500 gal 7	oropriate Box To Indice ENTION TO: PLUG AND ABANDON CHANGE PLANS Ply state all pertinent details, and 5900', perf'd 5574 7.5% NEFE, White sand & 6,00	Cate	Nature Of Notice, Report, Or O SUBSEQUI REMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JOB OTHER: Workover timent dates, including estimated date of starting 589 2SPF 30 holes. Dumped	ENT REPORT OF: ALTERING CASING PLUG AND ABANDONMENT Many proposed work.) SEE RULE 1103.
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(This space for Settly of Jan W. Bern	O'titania	ADD 9 A
TYPE OR PRINT NAME Karen Cottom		TELEPHONE NO. (405) 235-3611
SIGNATURE Jaren COHAM	TITLE ENGINEERING TECHNICIAN	DATE April 16, 2003
I hereby certify that the information above is true and complete to the best	of my knowledge and belief.	

Approved by Conditions of approval, if any:

TITLE

Submit 3 Copies to Amendiate 19202122 Financy Mineral	State of New Mexico Is and Natural Resources Department	Form C-103 Revised 1-1-89
District Office	-	EWELL ARING
P.O. Box 1980, Hobbs, NM 19840	ISERVATION DIVISION	WELL API NO. 30-015-27182
DISTRICT II P.O. Drawer DD, Artesia, NRT 88210 Santa F	P.O. Box 2088 e, New Mexico 87504-2088	5. Indicate Type of Lease STATE STATE
DISTRICT III 1000 rio Brazos Rd, Aziec, W	-,	6. State Oil & Gas Lease No.
87410		_ VB407
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OF DIFFERENT RESERVOIR. USE "APPLICA (FORM C-101) FOR SUCH PRO	R TO DEEPEN OR PLUG BACK TO A TION FOR PERMIT"	7. Lease Name or Unit Agreement Name Warthog 2 State
1. Type of Well Solution Well Well Other		-
Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP	***************************************	8. Well No.
3. Address of Operator		9. Pool name or Wildcat
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY	, OKLAHOMA 73102 (405) 228-7512	Herrandura Bend East
4 Well Location		
Unit Letter 1:1980 Feet From The South	Linc and 660 Feet	From The East Line
Section 2 Township 23S	Range 28E NMPM	Eddy County
10. Elevation (S 3069' GR	how whether DF, RKB, RT, GR, etc.)	
	icata Natura Of Nation Barret Or O	than Data
NOTICE OF INTENTION TO:	icate Nature Of Notice, Report, Or O	ENT REPORT OF:
	1	
PERFORM REMEDIAL WORK PLUG AND ABANDON TEMPORARILY ABANDON CHANGE PLANS	REMEDIAL WORK COMMENCE DRILLING OPNS.	ALTERING CASING
TEMPORARILY ABANDON	CASING TEST AND CEMENT JOB	PLUG AND ABANDONMENT
OTHER: Recompletion	_ ⊠ OTHER:	
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and	d give pertinent dates, including estimated date of starting	any proposed work.) SEE RULE 1103.
Devon Energy Production Company, LP request ap	proval to recomplete as follows:	
RIH w/ 5 ½" CIBP to 5900', dump 35' cmt on top, 5589' (30 shots)	RIH w/4" csg gun & perf Upper B	Brushy Canyon 2 SPF 5574' -
Acidize w/1500 gal 7.5% NeFe, Frac w/28,000# 16	5/30 Ottawa	
RIH w/pump & tbg hang well on.		
Kill w/pump & tog hang wen on.		
	·	
The best of the second		
I hereby certify that the information above is true and complete to the best o	I my knowledge and belief.	
SIGNATURE JUSTIN COLT M	TITLE ENGINEERING TECHNICIAN	DATE March 24, 2003
TYPE OR PRINT NAME Kapen Cottom	ing the second of the second o	TELEPHONE NO. (405) 235-3611
This man for Sau All		

Approved by Conditions of approval, if any:

Appropriate District Office

DISTRICT J

P.U. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 See Instructions at Hostom of Page

OIL CONSERVATION DIVISION

RICT II Drawer DD, Ancess NM 88210	.	Santa F		O. Box		2088	·	·			
IRICT III I Kio brazos Rd., Aztec, NM 87410		ST FOR	ALLC	WABL	E AND AU	THORIZA	TION	•			
	TO	TRANS	POR	T OIL A	ND NATU	RAL GAS					
Santa Fe Energy Operating Partners, L.P.					Well API No. 30-015-27182						
dress											
550 W. Texas, Sui	te 1330	, Midla	nd,	Texas	79701 Quher ((Please explain)					
w Well		asse in Trac	•	of:	_	• •					
===	Oil Capinghead O	U Dry ∵ □ C~	Gas Idensati	. "							
hange of operator give name	Capugneau	<u></u>	1020631	· <u></u>						-	
DESCRIPTION OF WELL A	ND LEAS	E									
Warthog 2 State	W	Veil No. Poo				Delaware	Kind of	Lease ideral or Fee	VB-4	≤ No.	
ocation						DOZUMGE	- (4		<u>v_b-</u> -	+07	
Unit LenerI	:1980	Fe	et Fron	TheS	outh Line	and <u>660</u>	Foel	From The _	East	Line	
Section 2 Township	235	Ra	nge	28E	, NM	PM,	Ec	ldy		County	
II. DESIGNATION OF TRANS	SPORTER	OF OIL	AND	NATUE	RAL GAS						
lame of Authorized Transporter of Oil	<u>(*</u>	or Condensate			Address (Give	address to which				-	
Texaco Trading and Tra			Dev G	** 🗀	P. O.	Box 6196	Midlar	id. Texa	s_ 7971	L	
Continental Natural Ga		س س	<i>D</i> 1,7 4	·· —				approved copy of this form us to be sent) Tulsa, Oklahoma 74121			
f well produces oil or liquids,		Sec. T	Wp.	Rge.	is gas actually		When		30-93		
ive location of tasks.	1 H 1		235			yes		<u>Ection</u>	ato 4-1	-93	
this production is commingled with that: V. COMPLETION DATA	from any othe	·.									
Designate Type of Completion	- (X)	Oil Well X	G	as Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v	
Date Spudded		L Ready to F	TOG.		Total Depth		\	P.B.T.D.			
1-11-93 Elevauous (DF. RKB, RT, GR. etc.)		-28-93	mat.00		Top Oil/Gas	6392' Top Oil/Gas Pay			6346'		
3069' GR	1	Name of Producing Formation Delaware				5950'			Tubing Depth 5903"		
Perforations	1 50	TUWGIC			<u> </u>			Depth Casi	Depth Casing Shoe		
5950'-5980'								<u> </u>	6392'		
1101 5 0175					CEMENTI	CEMENTING RECORD			0.000 571517		
12-1/4"		<u>sing & Tui</u> 8-5/8"	BINGS	NZE	0EPTH SET 400'			SACKS CEMENT			
7-7/8"	1	5-1/2"			-	6392'			500 sx - circ 1650 sx (2 stages)		
W WEST DATA AND DECISE		2-7/8"	DIE		1	59031	·	ــــــــــــــــــــــــــــــــــ			
V. TEST DATA AND REQUE OIL WELL (Test must be after				oil and mu	s be equal to o	exceed top all	awable for th	is depth or b	e for full 24 has	er i	
Date Firs New Oil Run To Tank	Date of To					lethod (Flow, p			Post	10-2	
3-14-93			5-93			ping		16	<u> 5 -</u>	2-93	
Leagth of Test 24 hrs	Tubing Pr	SILRAS			Casing Pres	aune 4()	Choke Siz	· Comy	OYBK	
Actual Prod. During Test	Oil - Bbls				Water - Bbi			Gas- MCI			
		18	3		_l	218	3	<u>.l</u>	117		
GAS WELL					185. 5:	A 11 14					
Actual Prod. Test - MCF/D	League of Tex			Bbit. Cood	Bbis Condensise/MNICF		Gravity of Condensate				
Testing Method (puot, back pr.)	Tubing P	resoure (Shu	l-ia)		Casing Pres	Casing Pressure (Shut-in)			Choke Sue		
VI. OPERATOR CERTIFI I hereby certify that the rules and re Division have been complied with a	gulations of t	ne Oil Consei	POUCY			OIL CO	NSER	OITA	1 DIVISI	ON	
is true and complete to the best of n	ny kaomikodee			^	Da	te Approv	ed	APR 3	0 1993		

Signature McCullough

Project Name

April Date

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

By.

Title

ORIGINAL; SIGNED BY

SUPERVISOR, DISTRICT #

MIKE WILLIAMS

915/687-3551 Telephone No.

on Clerk

Title

- All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.