

# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

10/10/00

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

GOVERNOR

(505) 393-6161

		Swr	0-790-0
OIL CONSERVATION DIVISION P. O. BCX 2088 SANTA FE, NEW MEXICO 87501			
RE: Proposed:  MC DHC NSL NSF SWD WFX PMX			
Gentlemen:			
I have examined the applica  Paladin Energy  Operator  and my recommendations are	Corp New 1 Lease & Well No.	Nexico BBS. Unit # S-T-R # 1- K.	tate NCT-1 11-125-32e 025-00109
	· · · · · · · · · · · · · · · · · · ·		
Yours very truly,			
Mais Millians			
Chris Williams Supervisor, District 1			

/ed

#### PALADIN ENERGY CORP.



October 5, 2000

State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re:

Application For Authorization To Inject Paladin Energy Corp. State 'BB' NCT-1 Well #1 East Caprock Field, Lea County 1989' FSL, 1985' FWL Sec 11, T12S, R32E

Dear Sir/Madam,

Paladin Energy Corp. is herewith submitting the above referenced application to convert the State 'BB' NCT-1 #1 well to a salt water disposal well in the East Caprock Devonian Formation. Paladin is in need of additional salt water disposal capacity in the East Caprock field due to the successful re-completion of two of its Devonian producing wells, with high volume submersible pumps. The results of these workovers has been an increase in fieldwide oil and water production. Therefore, additional salt water disposal capacity will greatly improve our overall saltwater handling capabilities in the field and also facilitate further re-completions and increases in oil production.

Therefore for your consideration please find enclosed the following: a) Form C-103, to convert well to SWD, b.) Form C-108 and all necessary attachments and "proofs of notice" required for administrative approval.

If you have any questions or need further information, please call David Plaisance at 214-352-5245, Ext. 8. Thank you.

Sincerely,

David Plaisance Production Manager

Cc Oil Conservation District

**Hobbs Division** 

Cc State of New Mexico

Commissioner of Public Lands

10290 MONROE DRIVE, SUITE 301 - DALLAS, TEXAS 75229-5718 TELEPHONE: (214) 654-0132 FAX: (214) 654-0133

#### OIL CONSERVATION DIVISION 2040 SOUTH PACHECO SANTA FE, NEW MEXICO 87505

FORM C-108 Revised 4-1-98

#### APPLICATION FOR AUTHORIZATION TO INJECT

	APPLICATION FOR AUTHORIZATION TO INSECT						
I.	PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage Application qualifies for administrative approval? Yes No						
II.	OPERATOR: Paladin Energy Corp.						
	ADDRESS: 10290 Monroe Dr., Suit 301, Dallas, Texas 75229						
	CONTACT PARTY: David Plaisance PHONE: 214-654-0132						
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  Additional sheets may be attached if necessary.						
IV.	Is this an expansion of an existing project?  Yes  Yes  No  If yes, give the Division order number authorizing the project:						
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.						
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.						
VII.	Attach data on the proposed operation, including:						
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).</li> </ol>						
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.						
IX.	Describe the proposed stimulation program, if any.						
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).						
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.						
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.						
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.						
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.						
	NAME: David Plaisance TITLE: PRODUCTION Manager						
	NAME: David Plaisance TITLE: PRODUCTION Manager  SIGNATURE: DATE: 10/05/00						

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted.

Please show the date and circumstances of the earlier submittal:

Side 1		INJECTION WELL DATA SHI	CET	
OPERATOR:	PALADIN ENERGY CORP.			
	JMBER: NEW MEXICO (STA	TE) BB NCT-1 Well No. 1		
WELL LOCATION	1989' FSL, 1985' FWL FOOTAGE LOCATION	K UNIT LETTER	11 SECTION	12-S 32-E TOWNSHIP RANGE
<u>WE</u>	LLBORE SCHEMATIC			NSTRUCTION DATA
,		Hole Size:	11"	Casing Size: 8-5/8"
		Cemented with	<u>2400</u> sx.	or
		Top of Cement	Surface	Method Determined:Circ.
			Intermedia	ate Casing
		Hole Size:		Casing Size:
		Cemented with	: sx.	. or
		Top of Cement	•	Method Determined:
			Production	on Casing
		Hole Size:	7-3/4"	Casing Size: 5-1/2"
		Cemented with	:sx	. or
		Top of Cement	7,600'	Method Determined: Logged
		Total Depth: _	11,225'	
		11,	132'	<u>lInterval</u> 11,192' Perforated st to

(Perforated or Open Hole; indicate which)

Side 2

### INJECTION WELL DATA SHEET

`ubi	ng Size: 3-1/2", 9.3# N-80 Lining Material: ICO 505 Plastic Coating
Гуре	of Packer: Weatherford Arrow Set Packer - Plastic Coated
Pack	er Setting Depth: 11,030'
Othe	Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection? YesNo
	If no, for what purpose was the well originally drilled? Devonian Producer
<ol> <li>3.</li> <li>4.</li> </ol>	Name of the Injection Formation:
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:  East Caprock Wolfcamp - 8,500' (+,-)

#### VII. PROPOSED OPERATIONS

- 1.) Injection Rate: Maximum 10,000 BWPD Α. Average 7,500 BWPD
  - 2.) Injection System

Closed

3.) Injection Pressure: Maximum 1000 psi

Average: expect to be on vacumn

4.) Injection Fluid: Devonian and Wolfcamp Formation Produced Water (see enclosed analysis)

5.) Devonian Formation is productive in field.

#### VIII. INJECTION ZONE

Devonian Formation 1.)

2.) Dolomite

Thickness: 90' - penetration in this wellbore.
 Depth: 11,134' to 11,225'
 Aquifers 300' (+,-)

#### IX. Stimulation

1.) Acidize w/+,- 3000 gals 15% NE HCL

Paladin Energy Corp. has examined the available geologic and engineering XII. information for the area if interest and have found no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

\_\_\_\_\_Production\_Manager Title

P. O. BOX 1468 MONAHANS, TEXAS 79756 PH. 943-3234 OR 563-1040

#### Martin Water Laboratories, Inc.

709 W. INDIANA MICLAND, TEXAS 79701 PHONE 693-4521

#### RESULT OF WATER ANALYSES

		LABO	RATORY NO.	900201	
TO: Mr. Michael Horn	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		LE RECEIVED .	- 1 1-	)
4006 Dunkirk, Midland, Texas	79707	RESU	LTS REPORTED.		
D-1-3/- D 0-					
COMPANY Paladin Energy Corp.		LEASE.	State "B	B" SWD	
FIELD OR POOL					
SECTION BLOCK SURVEY	COUNTY _	Lea	STAT	E NM	
SOURCE OF SAMPLE AND DATE TAKEN:		- 1	,		
NO.1 Produced water - taken fro	m Posey 5 &	6 (se	parator).	9/29/00	
NO. 2					
NO. 3		<del></del>			
NO. 4				·	
REMARKS: Dev	ronian			<del></del>	
CHE	MICAL AND PHYS	ICAL PRO	PERTIES		
	NO. 1		NO. 2	NO. 3	NO. 4
Specific Gravity at 80° F.	1.033	8			
pH When Sampled					
pH When Received	6.6	7			· · · · · · · · · · · · · · · · · · ·
Bicarbonate as HCO <sub>1</sub>	63				
Supersaturation as CaCO;					
Undersaturation as CaCO <sub>3</sub>					
Total Hardness as CaCO <sub>2</sub>	5,80	0		_	
Calcium as Ca	1,72	0			
Magnesium as Mg	36	5			
Sodium and/or Potassium	14,46	4			
Sulfate as SO <sub>4</sub>	1,61	9			
Chieride es Cl	24,85	0			
iron as Fe	7.	5			
Barkum as Ba					
Turbidity, Electric	<u> </u>			· · · · · · · · · · · · · · · · · · ·	
Color as Pt	<del></del>				
Total Solids, Calculated	43,65	2			
Tamperature 'F.	<del></del>		<u>i</u>		
Carbon Dioxide, Calculated					
Dissolved Oxygen,					
Hydrogen Sulfide	11.0	<del></del>			
Resistivity, ohms/m at 77° F.	0.18	7			
Suspended Off					
Filtrable Solids as mg/l	<del></del>				
Valume Filtered, ml	<del></del>			····· ·· <del> ····· · · · · · · · · · · </del>	
	<del></del>				
	Parada Parada 4 a 24				
Additional Determinations And Remarks	Results Reported As M	luigrams Per	Liter		
		<del></del>	3	<del></del>	
The undersigned certifies the ab knowledge and belief.	ove to be ti	rue ark	1 correct t	o the best o	f his
Viloniende aug beilet.					
	····				
		************	<del></del>	<del>/}-</del>	
				11	

Waylan C. Martin, M.A.

By.

FAX: David @ Dallas (214-654-0133)

Form No. 3

Oct-04-00 04:21P Martin water Labs

Martin Water Laboratories, Inc.

P. D. BOX 1468 MONAHANSI, TEXAS 79766 PH. 943-3234 OR 563-1040

### RESULT OF WATER ANALYSES

709 W. INDIANA MIDLAND, TEXAS 79701 PHONE 883-4521

	L	ABORATORY NO.	900200		
TO: <u>Mr. Michael</u>	Horn s	SAMPLE RECEIVED 9/29/00			
4006 Dunkirk, Midland, Tex	as 79707 R	RESULTS REPORTED 10/4/00			
COMPANY Paladin Energy Corp		State !!	DD4 CWD		
FIELD OR POOLSURVEY T-	126 tp 326 no To:		NM		
	125 &COUNTY LE	5TA	TE _N'I		
SOURCE OF SAMPLE AND DATE TAKEN:		(no.			
NO.1 Raw water - taken from fro					
NO. 2					
NO. 3					
NO. 4					
REMARKS:					
	CHEMICAL AND PHYSICA	L PROPERTIES			
	NO. 1	NO. 2	NO. 3	NO. 4	
Specific Gravity at 60° F.	1.0020				
pH When Sampled					
pH When Received	6.31				
Bicarbonate as HCO,	185				
Supersaturation as CaCO <sub>2</sub>					
Underseturation as CaCO,					
Total Hardness as CaCO <sub>3</sub>	490				
Calcium as Ca	156				
Magnesium se Mg	24				
Sodium and/or Potassium	19				
Sulfate as SO <sub>4</sub>	234				
Chloride as Cl	97				
Iron as Fe	0.04				
Berium as Ba					
Turbidity, Electric					
Color es Pt					
Total Solids, Calculated	715				
Temperature *F.					
Carbon Dioxide, Calculated					
Dissolved Oxygen,					
Hydrogen Sulfide	0.0				
Resistivity, ohms/m at 77° F.	10.60			T	
Suspended Oil					
Fitrable Solids as mg/l					
Volume Filtered, ml					
	Results Reported As Millig	ema Per Liter			
Additional Determinations And Remarks					
The undersigned certifies t	he above to be true	and correct	to the best o	f his	
knowledge and belief.					
				<u> </u>	
		^			
		(X	10 M		
Form No. 3		74	V BROWN	1	
		Av _	- 101		

Waylan C. Martin, M.A.

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FAX: David @ Dallas (214-654-0133)

	Proposed Completion		Ca	sing		Tubing
MALE   LIMES		Hole Size	Γ	<u> </u>	1	
		TIONE ORE	<u> </u>	1		<u> </u>
		Size	13-3/8"	8-5/8"	5-1/2"	3-1/2"
		181-1-64	48#	32#	17#	6.5#
		Weight	48#	32#	1/#	0.5#
		Grade				N-80
	13-3/8" Conductor @ 333' Cemented w/ 350 Sxs	Thread				Plastic Coated 8 rd
	Cernerited W/ 330 3X3			ļ <u>-</u>	<del> </del>	
		Depth	333'	3,620	11,224'	11,000'
		Drive Pipe	<u> </u>	<u> </u>	<u> </u>	<u></u>
				1		2-3/3"
		Elevation	4,373	Tree Conn	ection	8rcl
					<del></del>	
	8-5/8" Surface Casing @ 3,620'					
-	Cemented w/ 2400 Sxs					
				- · · · · · · · · · · · · · · · · · · ·		
				<u>"</u>		
	Top of Cement @ 7,590'					
	2400 050 1100 7 111 014	0001				
	3-1/2", 9.5#, N-80 Tubing @11, (Plastic Coated)	000				
	(1. 2000 002000)					
	0.700					
	2-7/8" Seating Nipple @ 10,995		-		·	
	2-7/8" X 5-1/2" Weatherford Arr	ow Set - with	2-7/8" X 3-1	12" cross-ov	er	
	Packer @ 11,030'		544.4		× 0000	
	(Plastic Coated)		PALA	DIN ENERG	T CORP.	
	Perforations: 11,162-192	Lease	NM State	BB NCT-1	Well	No. 1
	2SPF					oo pees
	C-40/5040*0c-10440	Field	East Capr	ock		2S R32E , 1985' FWL
	End Of 5-2-1/2" Casing @ 11,2" Total Depth = 11,225"	Date	9-25-00	DJP	IROR LOF	, 1803 FVVL
	Total Gopar 11,220	-	J-20-00		<del></del>	Ī

TD 11518 Abo 1700 Abo 1700 Mise 10015 Dev 11445 OVA 17-20-53  **Bor, Inc. (S)  Ameroda "S(A"  [1. 4416 10. 3416	Umeradal(CD Amerada, Amerada)  10   Shell) (cre   Charles   Constant   Consta	Tenneco
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V. PALADIN ENERGY CORP.
AREA OF REVIEW MAP
APPLICATION FOR AUTHORIZATION TO INJECT

NEW MEXICO STATE "BB" NCT-1 Well No. 1 The second residence of the second resi

Sec 11 T12S R32E

	, , ,	J£ 1	"Colemon W. Aphraon." # 11. C. Malhersla)	mail 0 005.22.53	SUMBOURN ANGELL #1	Opol Tray
-	Bar/Sen Arc(5) Marshall (***********************************	22	M. (. Malhers (s) The	" Lerry Woggone"	ار بدد ا ( ار بدد	Oper Sun Fro Com.  Sun Fro Com
	34251	So, Pet. Ve Mi	(Arnerodo.) Heshins  (Arnerodo.) Lee  on Officerence  Alpha Twenty Omfacer  to 10,775  JA 31c	TH (14 17 ) Beal C. Areac.	Andover Fed. Brenda'  Britis R.E.  11 S. M.J. Pougherty	Com (Sun) Leigh Com. 1977 Leigh Com. 1977 Line Com.
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-		Yates Pater Yates		Erk OH Elk Oil	Beher to Hummack Texaco ( Jenneco) of Re2037 (No.	Rose" (Sun) "Nellie"
- 1	YatesPet <sub>e</sub> tel 5 · 1 · 85 9 · 1 · 85 V-12 (6	9-1-85 9-1-87 V-1217 LG-4450 37-50 43-71	74 125 96 M 74 135	(J.M.Kelly) 1-23-77. LG-1733	"Blakeney-St."  MDE 7  BTA,etol a "F.B. Gisi,"MI	
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(pl.)	Pet Corp.	90 57 LWLsvelody ST-EM (Amerode)	Guel Stree Fiers St. 4371	Fried Value  E. Diffect  S. 1-01 S. 20-00  S. 83 Terrnece April 8-3-41  JAN Chambers  Lakie Cap, Mala Capella Value  Velleu Dele	ACH SUP -1754 JV.D" -	7504JFD 7010566 8
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District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artexia, NM 88210
District III

1000 Rlo Brazos Rd., Axtec, NM 87410

2040 South Pacheco, Santa Fe, NM 87505

District IV

## State of New Mexico Energy, Minerals & Natural Resources Department

#### OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-10
Revised October 18, 199
Instructions on bac
Submit to Appropriate District Offic
State Lease - 4 Copic
Fee Lease - 3 Copic

AMENDED REPOR

### WELL LOCATION AND ACREAGE DEDICATION PLAT

•	איזיי איזיי	er -	ı	· Pool Cod	c			<sup>1</sup> Pool N	LTDe			
30-025-	-00109					East Caprock				Devonian		
<sup>4</sup> Property	Code			·····	¹ Pr	operty !	Name			• • • • • • • • • • • • • • • • • • • •	Well Number	
26437				New Me	xico St	ate	'BB' NCT-1		1			
OGRID	No.				¹ Op	erator l	Name			* Elevation		
164070	)			Paladin Energy Corp.					437			
					10 Sur	face ]	Location	<del></del>				
UL or lot no.	Section	Township	Range	Lot (da	Feet from	the	North/South line	Feet from the	East/Wes	line	County	
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			11 Bot	tom Hol	e Locati	on If	Different Fro	1				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from		North/South line	Feet from the	East/Wes	t fine	County	
		1									County	
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				1				Printed Name	Plaisa	ance	<del></del>	
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								Date	0/05/0	00		
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			1989									
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								II.				

Certificate Number

## Affidavit of Pu ication

STATE OF NEW MEXICO	)
	) ss.
COUNTY OF LEA	)

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertisting Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

which is hereto attached entitled

That the notice which is hereto attached, entitled
Legal Notice
was published in a regular and entire issue of THE LOV-
INGTON DAILY LEADER and not in any supplement there-
of, for <u>one (1) day</u> , beginning with the issue of
September 28 , 2000 and ending with the issue
of <u>September 28</u> , 2000.
And that the cost of publishing said notice is the sum of \$\frac{16.81}{}\$ which sum has been (Paid) as
Court Costs.
Joine Climens

Subscribed and sworn to before me this 28th day of

Debbie Schilling

September 2000

Notary Public, Lea County, New Mexico My Commission Expires June 22, 2002

LEGAL NOTICE Paladin Energy Corp. proposes to convert the New Mexico BB State NCT-1 well, located 1989 FSL and 1985 FWL of Section 11, T12S, R32E, 11, T12S, R32E, N.M.P.M., Lea County, New Mexico to a saltwater disposal well. Paladin will dispose of saltwater into the Devonian formation from a depth of 11,130' to 11,192' at a maximum rate of 10,000 PBD at a maximum pressure of 1000 psi. Questions pertaining to this application should be directed to Mr. David Plaisance. Manager, Drilling and Enduction for Paladin. 10290 Monroe Drive, Suite 2012 Dallas, Texas 75229 phone number (214) 654-0132. Ext. 8. Interested a Daties should file to lections or requests for fearing with the Oil Conservation Division, P.O. Box 2088, of 10,000 PBD at a maxi-Division, P.O. Box 2088, Santa Fel New Mexico 87501, within fifteen (15) days.

Published in the Lovington Daily Leader September 28, 2000.

#### VI

WELL WITHIN THE AREA OF REVIEW WHICH PENETRATE THE PROPOSED INJECTION ZONE CAPROCK, EAST (DEVONIAN) SEC's 10,11,14, T12s-R32E

LEA COUNTY, NEW MEXICO

API Nbr: 30025000990000 State: NEW MEXICO

Oper: AMERADA HESS CORP

Well: 1

Contr:

Lease: STATE ECG

AAPG Prov: PERMIAN BASIN

Field: CAPROCK EAST

District: 01

Meridian: NEW MEXICO 1855

Footages: 1980FSL

Twp: 12.0S Rng: 32.0E 330FEL

Source: TBNAD27

Oper Elev: 4415DF

Tools: ROTARY

Lat:

CONGRESS SECTION

SEC: 10.0

33.29148

Spot:

County: LEA

Oper Code: 000966

Field Code: 008270

Meridian Code: 23

Long: -103.69778

Prov Code: 430

Rig Nbr: Rig Release:

Drlr Depth: 10834 FT

TVD:

Rig Ht:

Form @ TD:

Spud Date: 04/26/1953 Comp Date: 06/27/1953

Last Update: 06/10/2000

Date Well Added: 08/01/1973 Abnd Date: TD Reached:

Pool: Final Status: D&A

Initial Well Class: DEVELOPMENT WELL

Final Well Class: DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL)

(Casing)

Cement Depth Size 325 SACK 13 3/8 IN 329 FT 1500 SACK 3655 FT 8 5/8 IN

\*\*\*\*\*\*\*\*\*\*\*\*

SEC: 11.0

CONGRESS SECTION

33.29875

API Nbr: 30025080070000 State: NEW MEXICO

Oper: TEXACO INCORPORATED

Lease: STATE BH Well: 1

AAPG Prov: PERMIAN BASIN Field: CAPROCK EAST

District: 01

Contr:

Meridian: NEW MEXICO 1855

Twp: 12.0S Rng: 32.0E

Footages: 660FNL 1980FWL

Oper Elev: 4371ES

Source: TBNAD27

Lat:

Rig Ht:

Tools: ROTARY

TVD:

PB Depth: 11218 FT

Last Update: 06/10/2000

Date Well Added: 08/01/1973 Abnd Date:

County: LEA Oper Code: 033095

Prov Code: 430

Field Code: 008270

Meridian Code: 23 Spot:

Form @ TD: DEVONIAN

Form Age @ TD: DEVONIAN U

-103.69027

Long:

Rig Nbr: Rig Release:

Log TD: Spud Date: 03/22/1952

Drlr Depth: 11220 FT

Comp Date: 07/29/1952

TD Reached:

Final Status: OIL Initial Well Class: DEVELOPMENT WELL Final Well Class: DEVELOPMENT WELL-OIL

Size	Depth	Cement
13 3/8 IN	346 FT	350 SACK
8 5/8 IN	3605 FT	2300 SACK
5 1/2 IN	11220 FT	400 SACK
3 1/2 IN	11550	

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SEC: 11.0 CONGRESS SECTION

API Nbr: 30025000970000 State: NEW MEXICO

Oper: AMERADA HESS CORP Well: 1

Lease: HC POSEY A

AAPG Prov: PERMIAN BASIN

Field: CAPROCK EAST

District: 01

Meridian: NEW MEXICO 1855

Twp: 12.0S Rng: 32.0E

Footages: 660FSL 1980FEL

Source: TBNAD27

Oper Elev: 4350DF

Drlr Depth: 11230 FT

Contr:

Log TD:

Tools: ROTARY

Rig Ht:

TVD: PB Depth:

Long: -103.68529 Lat: 33.28745

Spot:

Rig Nbr: Rig Release:

County: LEA

Oper Code: 000966

Field Code: 008270

Meridian Code: 23

Prov Code: 430

Form @ TD: DEVONIAN Form Age @ TD: DEVONIAN U

Date Well Added: 08/01/1973 Abnd Date: Comp Date: 04/25/1952 Last Update: 06/10/2000 TD Reached:

Final Status: OIL Pool: Initial Well Class: DEVELOPMENT WELL Final Well Class: DEVELOPMENT WELL-OIL

(Casing)

Size		Dept	ch	Cer	nent
13 3/8	IN	296	FT	225	SACK
8 5/8		3610	FT	1500	SACK
5 1/2	IN	11160	FT	600	SACK

\*\*\*\*\*

SEC: 11.0

CONGRESS SECTION

Lat: 33.29118

API Nbr: 30025000980000 State: NEW MEXICO

Oper: AMERADA HESS CORP

Lease: HC POSEY A Well: 2

AAPG Prov: PERMIAN BASIN Field: CAPROCK EAST

District: 01

Meridian: NEW MEXICO 1855

Twp: 12.0S Rng: 32.0E

Footages: 1980FSL 660FEL

Source: TBNAD27

Tools: ROTARY

Drlr Depth: 11283 FT

Oper Elev: 4337DF

Rig Ht:

TVD:

County: LEA

Oper Code: 000966

Prov Code: 430 Field Code: 008270

Meridian Code: 23

Spot:

Long: -103.68102

Rig Nbr: Rig Release:

Form @ TD:

Spud Date: 05/13/1952 Date Well Added: 08/01/1973 Abnd Date: Comp Date: 08/28/1952 Last Update: 06/10/2000 TD Reached: Final Status: Data Pool:

Final Status: D&A

Initial Well Class: DEVELOPMENT WELL

Final Well Class: DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL)

(Casing)

(Casing)	Depth	Cement	
Size 13 3/8 IN	296 FT	225 SACK	
8 5/8 IN	3615 FT	1500 SACK	. 4 4 4 4 *

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

County: LEA API Nbr: 30025001000000 State: NEW MEXICO Oper Code: 000966

Oper: AMERADA HESS CORP

Lease: HC POSEY A Prov Code: 430 Well: 3 AAPG Prov: PERMIAN BASIN Field Code: 008270 Field: CAPROCK EAST Meridian Code: 23

District: 01

Meridian: NEW MEXICO 1855 SEC: 11.0

Spot: Twp: 12.0S Rng: 32.0E Footages: 1980FSL 1980FEL CONGRESS SECTION Long: -103.68559 Lat: 33.29087

Source: TBNAD27

Rig Nbr: Tools: ROTARY Rig Release: Contr: Rig Ht: Oper Elev: 4357ES

Form @ TD: DEVONIAN Form Age @ TD: DEVONIAN U TVD: Drlr Depth: 11237 FT PB Depth:

Log TD: Date Well Added: 08/01/1973 Abnd Date:

Spud Date: 08/27/1952 Comp Date: 12/07/1952 Last Update: 06/10/2000 TD Reached: Pool:

Final Status: OIL Initial Well Class: DEVELOPMENT WELL Final Well Class: DEVELOPMENT WELL-OIL

Depth

Prod Formation: DEVONIAN

(Casing)

Size\_

3120	301 F	<del>पा</del> 225	SACK
13 3/8 IN 8 5/8 IN 5 1/2 IN	3590 F 11147 F	T 1500	SACK SACK
****	****	*****	****

\*\*\*\*

Cement

225 SACK

County: LEA API Nbr: 30025001060000 State: NEW MEXICO Oper Code: 000966

Lease: STATE ECF

Oper: AMERADA HESS CORP Well: 1 Prov Code: 430

AAPG Prov: PERMIAN BASIN Field Code: 008270 Field: CAPROCK EAST

District: 01 Meridian Code: 23 Meridian: NEW MEXICO 1855 Spot:

SEC: 11.0 Twp: 12.0S Rng: 32.0E Footages: 660FSL 660FWL CONGRESS SECTION

Long: -103.69456 Footages: 660FSL Lat: 33.28793 Source: TBNAD27 Rig Nbr: Tools: ROTARY Contr:

Oper Elev: 4389ES

Rig Ht:

Rig Release:

Drlr Depth: 11302 FT

TVD:

Form @ TD: DEVONIAN

Log TD:

PB Depth:

Form Age @ TD: DEVONIAN U

Initial Well Class: DEVELOPMENT WELL Final Well Class: DEVELOPMENT WELL-OIL

(Casing)

•			Depth	Cen	nent
<u>Si2</u>			297 FT	225	SACK
13	3/8	$\mathbb{I}\mathbf{N}$	40, -	1500	SACK
Я	5/8	ΤN	3610 FT		
-	- •		11270 FT	700	SACK
5	1/2	.L.IN			

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* County: LEA

API Nbr: 30025001070000 State: NEW MEXICO

Oper: UNION OIL CO OF CAL

Lease: GROSS STATE

Well: 1 AAPG Prov: PERMIAN BASIN

Field: CAPROCK EAST

District: 01

Meridian: NEW MEXICO 1855

Twp: 12.0S Rng: 32.0E Footages: 1980FSL 660FWL Source: TBNAD27

Tools: ROTARY

SEC: 11.0

Meridian Code: 23

Field Code: 008270

Oper Code: 034551

Prov Code: 430

Spot:

CONGRESS SECTION Long: -103.69392 Lat: 33.29107

Contr: Oper Elev: 4341GR

Rig Ht:

Rig Nbr: Rig Release:

TD Reached:

Drlr Depth: 11295 FT Log TD:

TVD:

Form @ TD: DEVONIAN

PB Depth:

Form Age @ TD: DEVONIAN U

Spud Date: 06/30/1952 Date Well Added: 08/01/1973 Abnd Date: Comp Date: 10/31/1952 Last Update: 06/10/2000 TD Reached: Pool: Initial Well Class: DEVELOPMENT WELL Final Well Class: DEVELOPMENT WELL-OIL

Prod Formation: DEVONIAN

(Casing)

(Casting)	Depth	Cen	<u>ent</u>		
Size 11 3/4 IN 8 5/8 IN	323 FT 3620 FT 11278 FT	1500	SACK SACK SACK		
5 1/2 IN		****	*******	*****	*****

API Nbr: 30025001080000 State: NEW MEXICO

Oper: TEXACO INCORPORATED

Lease: STATE OF N M BH NCT Well: 3

AAPG Prov: PERMIAN BASIN

Field: CAPROCK EAST

District: 01

Meridian: NEW MEXICO 1855

Twp: 12.05 Rng: 32.0E

Footages: 1980FNL

663FWL

SEC: 11.0 CONGRESS SECTION

Source: TBNAD27

33.29507 Lat:

Meridian Code: 23

Field Code: 008270

Spot:

County: LEA

Oper Code: 033095

Prov Code: 430

Long: -103.69417

Contr:

Tools: ROTARY Rig Ht:

Rig Nbr:

Oper Elev: 4392DF

Rig Release:

Log TD:

Drlr Depth: 11272 FT

TVD:

PB Depth: 11270 FT

Form @ TD: DEVONIAN

Form Age @ TD: DEVCNIAN U

Spud Date: 12/13/1952

Last Update: 06/10/2000

Date Well Added: 08/01/1973 Abnd Date:

Comp Date: 04/10/1953

Pool:

TD Reached:

Final Status: OIL

Initial Well Class: DEVELOPMENT WELL Final Well Class: DEVELOPMENT WELL-OIL

Prod Formation: DEVONIAN

(Casing)

(Casing) Size	Depth	Cement
13 3/8 IN	333 FT	350 SACK
8 5/8 IN	3589 FT	2300 SACK
5 1/2 IN	11272 FT	500 SACK

API Nbr: 30025001100000 State: NEW MEXICO

Oper: TEXACO INCORPORATED

Lease: STATE OF N MEH NCT1

32.0E

990FWL

AAPG Prov: PERMIAN BASIN Field: CAPROCK EAST

District: 01

Contr:

Log TD:

Meridian: NEW MEXICO 1855

Twp: 12.0S Rng: Footages: 990FNL

Source: TBNAD27

Oper Elev: 4385DF

Drlr Depth: 11235 FT

Spud Date: 03/18/1953

Comp Date: 08/20/1953

Lat:

Rig Ht:

Tools: ROTARY

TVD: PB Depth:

Date Well Added: 08/01/1973 Abnd Date:

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SEC: 11.0 CONGRESS SECTION

Last Update: 06/10/2000 Pool:

Final Status: OIL Initial Well Class: DEVELOPMENT WELL Final Well Class: DEVELOPMENT WELL-OIL County: LEA

Oper Code: 033095

Prov Code: 430 Field Code: 008270

Meridian Code: 23

Spot:

-103.69370 Long:

Rig Mbr: Rig Release:

Form @ TD: DEVONIAN

Form Age @ TD: DEVONIAN U

TD Reached:

(Casing)

(Casing		Dept	⊦ h	Ce	ement
Size		335		350	SACK
13 3/8	IN	5-5-5	-	2300	SACK
8 5/8	IN	3635			SACK
5 1/2	IN	11215	FT	400	571011

\*

API Nbr: 30025001130000 State: NEW MEXICO

Oper: AMERADA HESS CORP

Lease: HG POSEY A Well: 4

AAPG Prov: PERMIAN BASIN Field: CAPROCK EAST

District: 01

Meridian: NEW MEXICO 1855

SEC: 14.0 Twp: 12.05 Rng: 32.0E Footages: 330FNL 2310FEL CONGRESS SECTION Lat: 33.28517

Source: TBNAD27

Rig Nbr: Tools: ROTARY

County: LEA

Spot:

Oper Code: 000966

Field Code: 008270

Meridian Code: 23

Long: -103.68651

Prov Code: 430

Rig Release: Oper Elev: 4354DF Rig Ht: Form @ TD: DEVONIAN

Form Age @ TD: DEVONIAN U TVD: Drlr Depth: 11255 FT PB Depth: Log TD:

Date Well Added: 08/01/1973 Abnd Date: Spud Date: 03/17/1953 Last Update: 06/10/2000 TD Reached: Comp Date: 06/19/1953

Pool: Final Status: OIL Initial Well Class: DEVELOPMENT WELL Final Well Class: DEVELOPMENT WELL-OIL

(Casing)

(Casing)	Depth	Cement	
Size	299 FT	225 SACK	
13 3/8 IN		1500 SACK	
8 5/8 IN	3615 FT	600 SACK	
5 1/2 IN	11205 FT	600 SACK	

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

County: LEA API Nbr: 30025001150000 State: NEW MEXICO Oper Code: 000966

Oper: AMERADA HESS CORP

Lease: STATE ECA Well: 1

Prov Code: 430 AAPG Prov: PERMIAN BASIN Field Code: 008270 Field: CAPROCK EAST

District: 01

Meridian Code: 23 Meridian: NEW MEXICO 1855 Twp: 12.0S Rng: 32.0E SEC: 14.0 Footages: 660FNL 1980FWL CONGRESS SEC Spot: Long: -103.69034

CONGRESS SECTION Lat: 33.28362 Source: TBNAD27

Rig Nbr: Tools: ROTARY

Contr: Rig Release: Rig Ht: Oper Elev: 4364DF

Form @ TD: DEVONIAN Form Age @ TD: DEVONIAN U Drlr Depth: 11314 FT TVD:

PB Depth: 11290 FT Log TD:

Date Well Added: 08/01/1973 Abnd Date: Spud Date: 05/05/1951

Comp Date: 08/31/1951 Last Update: 06/10/2000 TD Reached: Final Status: OIL Pool: Initial Well Class: NEW FIELD WILDCAT Final Well Class: NEW FIELD WILDCAT-DISCOVERY

(Casing)

(Casing)	Depth	Cement
Size	296 FT	225 SACK
13 3/8 IN	3662 FT	1500 SACK
8 5/8 IN	• • • •	600 SACK
5 1/2 IN	11314 FT	000

