

AMERADA HESS CORPORATION

P. O. BOX 840
SEMINOLE, TEXAS 79360
915-758-6700

November 14, 2000

DHC-2862

Attn: Lori Wrotenbery
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505-5472

Re: Application to Downhole Commingle
M. J. Raley Well No. 2
API No. 30-025-07757
Unit M, Sec. 8, T20S, R38E
Lea County, N.M.

Dear Ms. Wrotenbery,

Amerada Hess Corporation respectfully request approval to downhole commingle oil and gas production from M. J. Raley Well No. 2 in West Nadine Paddock Blinbry (47400), West Nadine Drinkard (47505), and East Skaggs Abo (56630) Zones.

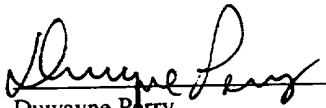
Well is currently producing from West Nadine Paddock Blinbry.

Attached are Form C-107-A, C-102, past production, and location map.

Your consideration in this matter is appreciated.

If we can furnish additional information, please let us know at your earliest convenience.

Sincerely,


Duwayne Perry
Sr. Professional Engineer

Xc: Mr. Chris Williams - NMOCD, Hobbs

DISTRICT I
1625 N. French Drive, Hobbs, NM 88240
DISTRICT II
811 South First Street, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-107A
Revised May 15, 2000

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Amerada Hess Corporation		P.O. Box 840, Seminole, TX 79360					
Operator		Address					
M. J. Raley		2 M 8 20S 38E Lea					
Lease		Well No. Unit Ltr. - Sec - Twp - Rge County					
OGRID No.	000495	Property Code	000123	API No.	30-025-07757	Lease Type	☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	West Nadine Paddock Blinebry	West Nadine Drinkard	East Skaggs Abo
Pool Code	47400	47505	56630
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5876' - 6372'	6798' - 6893'	7110' - 7364'
Method of Production (Flowing or Artificial Lift)	ARTIFICIAL LIFT	ARTIFICIAL LIFT	ARTIFICIAL LIFT
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone.)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	33.9	32.4	38
Producing, Shut-In or New Zone	PRODUCING	SHUT-IN	SHUT-IN
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 10/31/2000 Rates: 56 B.O./D., 11 BW/D., & 159 MCFGPD	Date: 10/08/1999 Rates: 1 B.O./D., 21 B.W./D., & 26 MCFGPD	Date: 08/31/1999 Rates: 16 B.O./D., 45 B.W./D., & 48 MCFGPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 77 % Gas 68 %	Oil 1 % Gas 11 %	Oil 22 % Gas 21 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☐ No ☐

NMOCD Reference Case No. applicable to this well:

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling withing the proposed Pre-Approved Pools
List of all operators withing the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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

SIGNATURE Wayne Perry TITLE Sr. Professional Engineer DATE 11/14/2000

TYPE OR PRINT NAME Duwayne Perry TELEPHONE NO. 915 758-6700

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 S. 1st Street, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-025-07757		2 Pool Code 47400		3 Pool Name West Nadine Paddock Blinbry	
4 Property Code 000123		5 Property Name M. J. Raley			6 Well No. 2
7 OGRID No. 000495		8 Operator Name Amerada Hess Corporation			9 Elevation 3573' DF

10 Surface Location

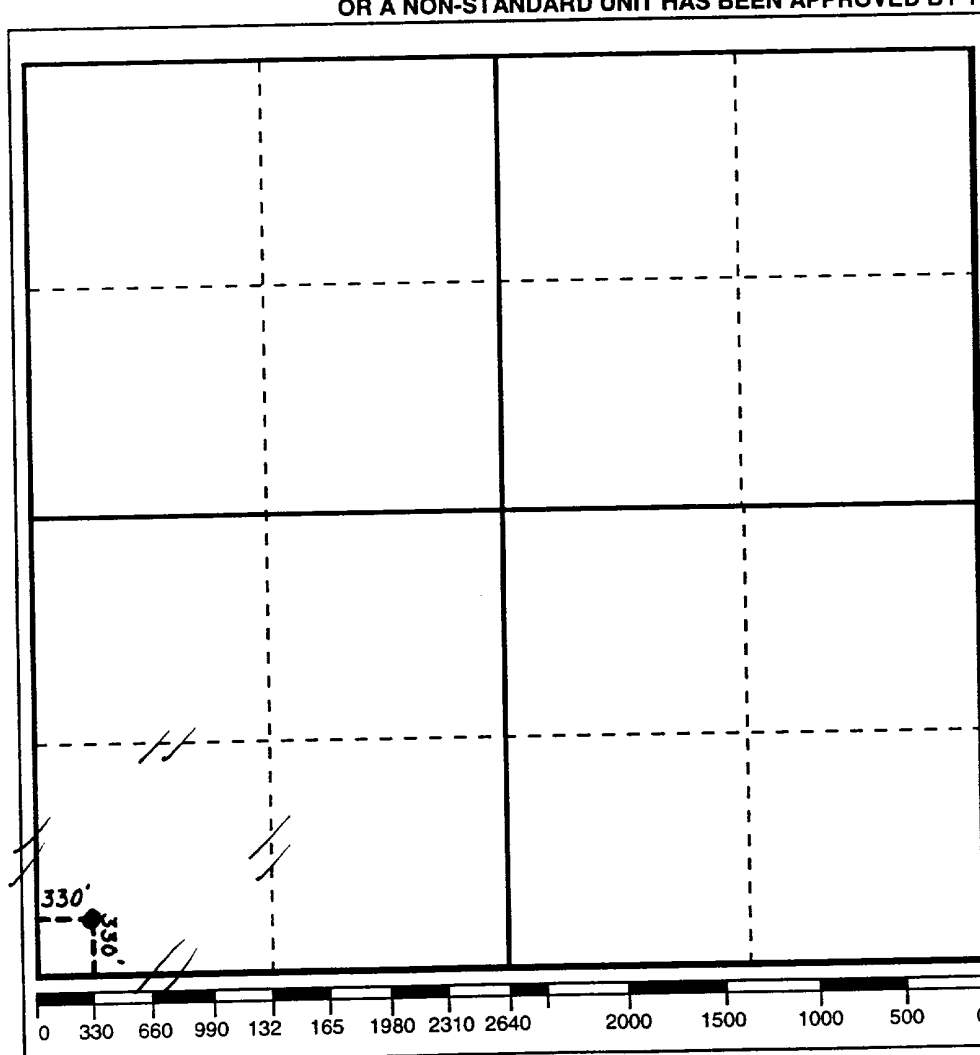
UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
M	8	20S	38E		330	South	330	West	Lea

11 Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

**17 OPERATOR CERTIFICATION**

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

Signature

Printed Name

Roy L. Wheeler, Jr.

Title

Bus. Svc. Spec. II

Date

November 11, 2000

18 SURVEYOR CERTIFICATION

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

Signature & Seal of
Professional Surveyor

Certificate No.

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2040 South Pacheco

Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-07757		2 Pool Code 47505 57000		3 Pool Name Stagg West Nadine Drinkard	
4 Property Code 000123		5 Property Name M. J. Raley			6 Well No. 2
7 OGRID No. 000495		8 Operator Name Amerada Hess Corporation			9 Elevation 3573' DF

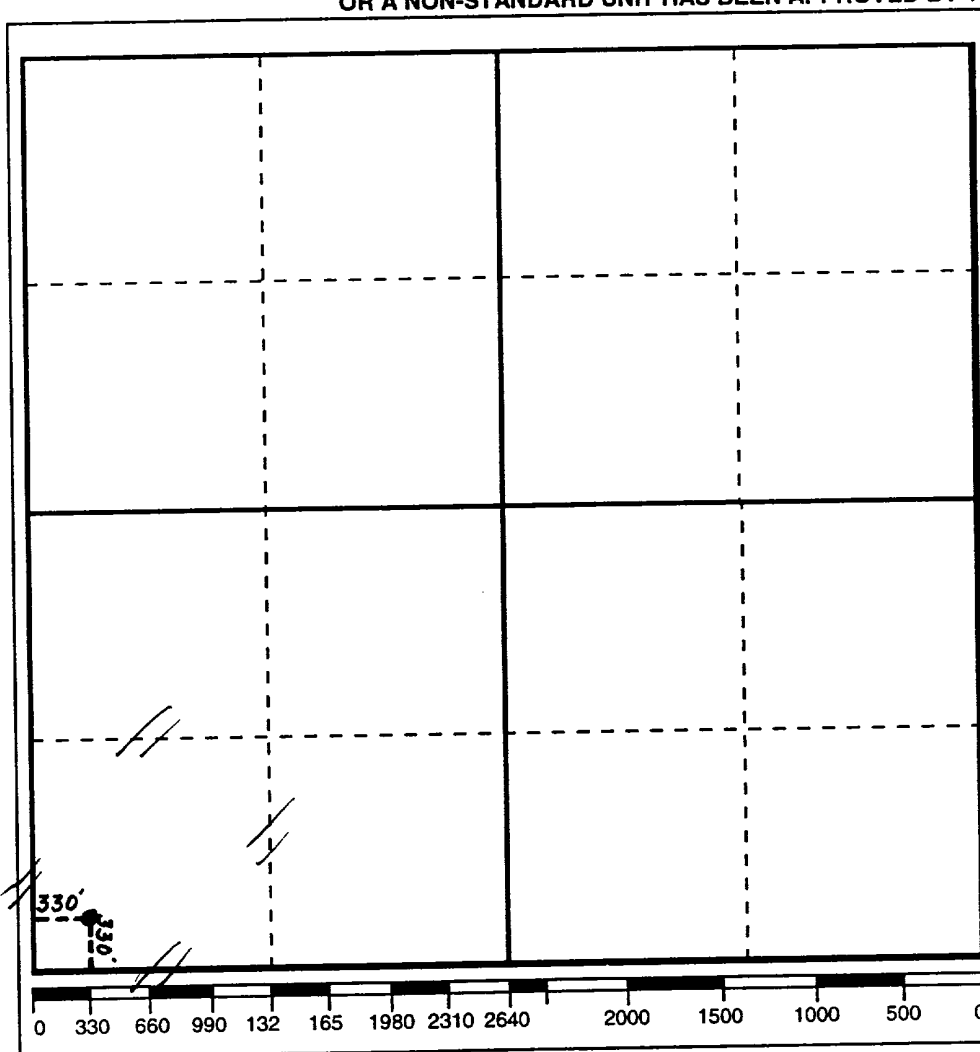
10 Surface Location

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Roy L. Wheeler, Jr.

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November 11, 2000

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Signature & Seal of
Professional Surveyor

Certificate No.

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P.O. Box 1580, Hobbs, NM 88241-1980

DISTRICT II

811 S. 1st Street, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

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Santa Fe, NM 87505

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-025-07757		2 Pool Code 56630		3 Pool Name East Skaggs Abo	
4 Property Code 000123		5 Property Name M. J. Raley			6 Well No. 2
7 OGRID No. 000495		8 Operator Name Amerada Hess Corporation			9 Elevation 3573' DF

10 Surface Location

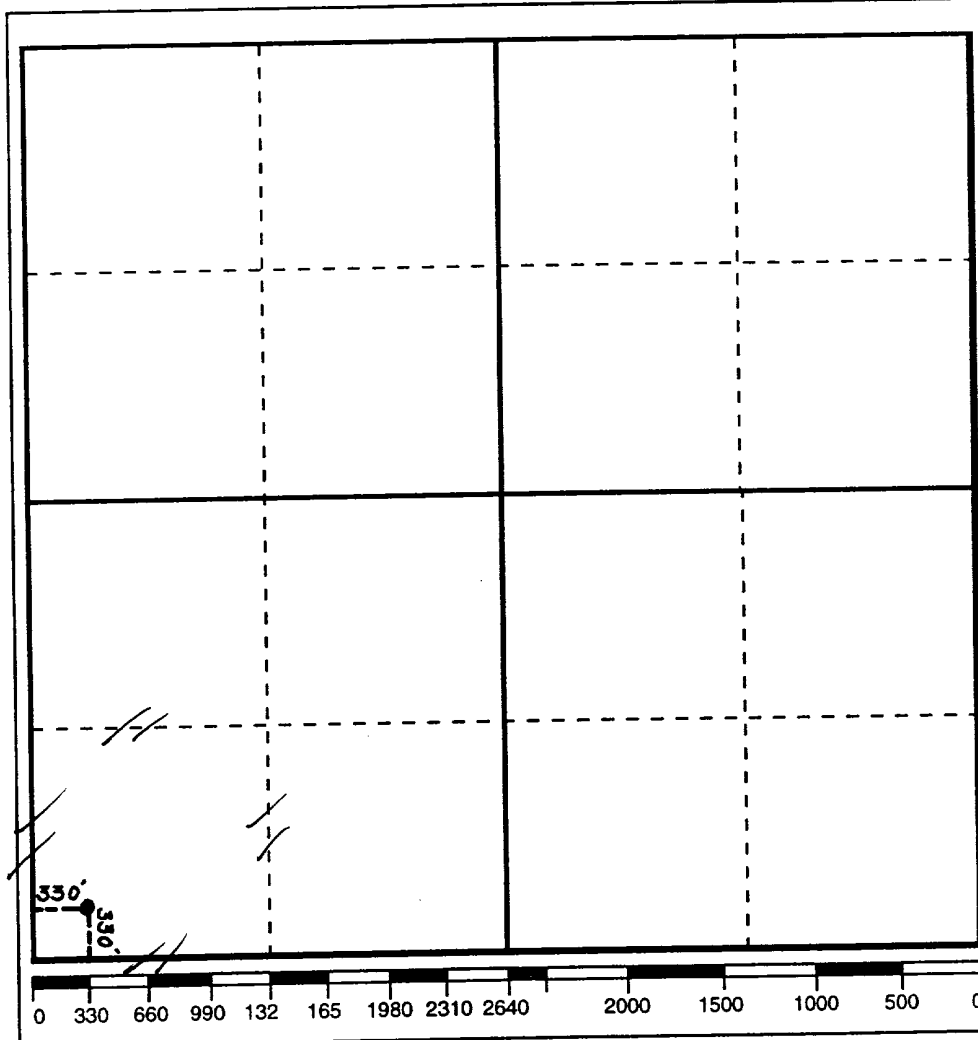
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11 Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

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17 OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
Signature <i>Roy L. Wheeler, Jr.</i>	
Printed Name Roy L. Wheeler, Jr.	
Title Bus. Svc. Spec. II	
Date November 11, 2000	
18 SURVEYOR CERTIFICATION	
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	
Signature & Seal of Professional Surveyor	
Certificate No.	

Reporting for Cost Center: S00012-Monument Area
 Prod Volumes - Begin Date : 12/31/1999 - End Date : 09/30/2000
 Attributes : Well Completion Sum By : Selected Entities

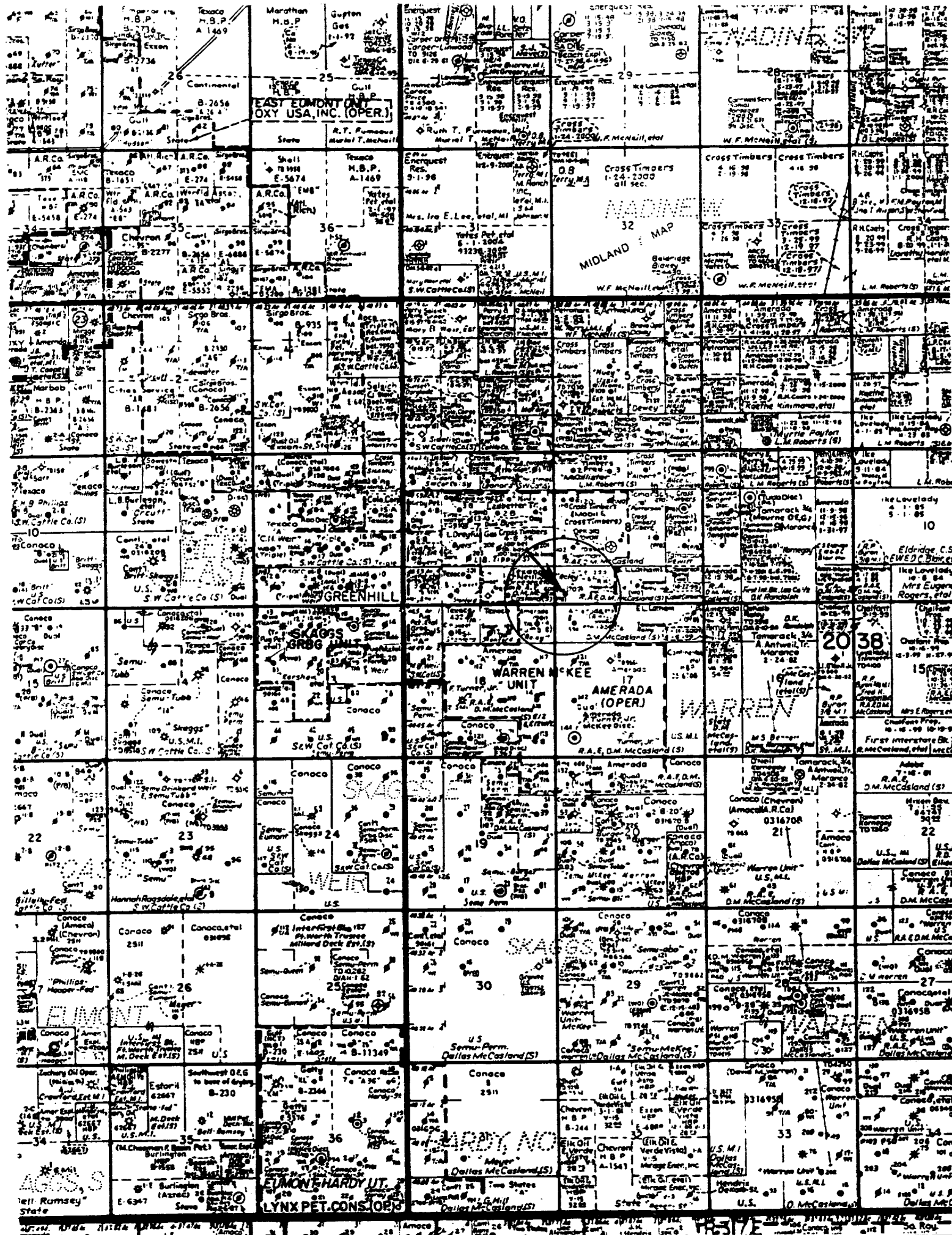
Well	Prod. Date	Prod. Oil (BBLs)	Prod. Gas (MCF)	Prod. Water (BBLs)	Well No	Well API
RALEY, MARY J #2-2 (BLINEBRY)	12/31/1999	3548	4541	1225	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	01/31/2000	5102	5786	1332	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	02/29/2000	3995	8361	576	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	03/31/2000	4216	6192	833	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	04/30/2000	2466	4976	419	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	05/31/2000	2645	5507	478	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	06/30/2000	2303	4767	432	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	07/31/2000	1783	4716	285	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	08/31/2000	1636	4887	369	001581-02	3002507757
RALEY, MARY J #2-2 (BLINEBRY)	09/30/2000	1590	4682	357	001581-02	3002507757

Reporting for Cost Center: S00012-Monument Area
 Prod Volumes - Begin Date : 08/01/1999 - End Date : 09/30/2000
 Attributes : Well Completion Sum By : Selected Entities

Well	Prod. Date	Prod. Oil (BBLs)	Prod. Gas (MCF)	Prod. Water (BBLs)	Well No	Well API
RALEY, MARY J #2-1 (DRINKARD)	08/31/1999	0	0	0	001581-01	3002507757
RALEY, MARY J #2-1 (DRINKARD)	09/30/1999	34	471	456	001581-01	3002507757
RALEY, MARY J #2-1 (DRINKARD)	10/31/1999	59	527	220	001581-01	3002507757
RALEY, MARY J #2-1 (DRINKARD)	11/30/1999	0	0	0	001581-01	3002507757

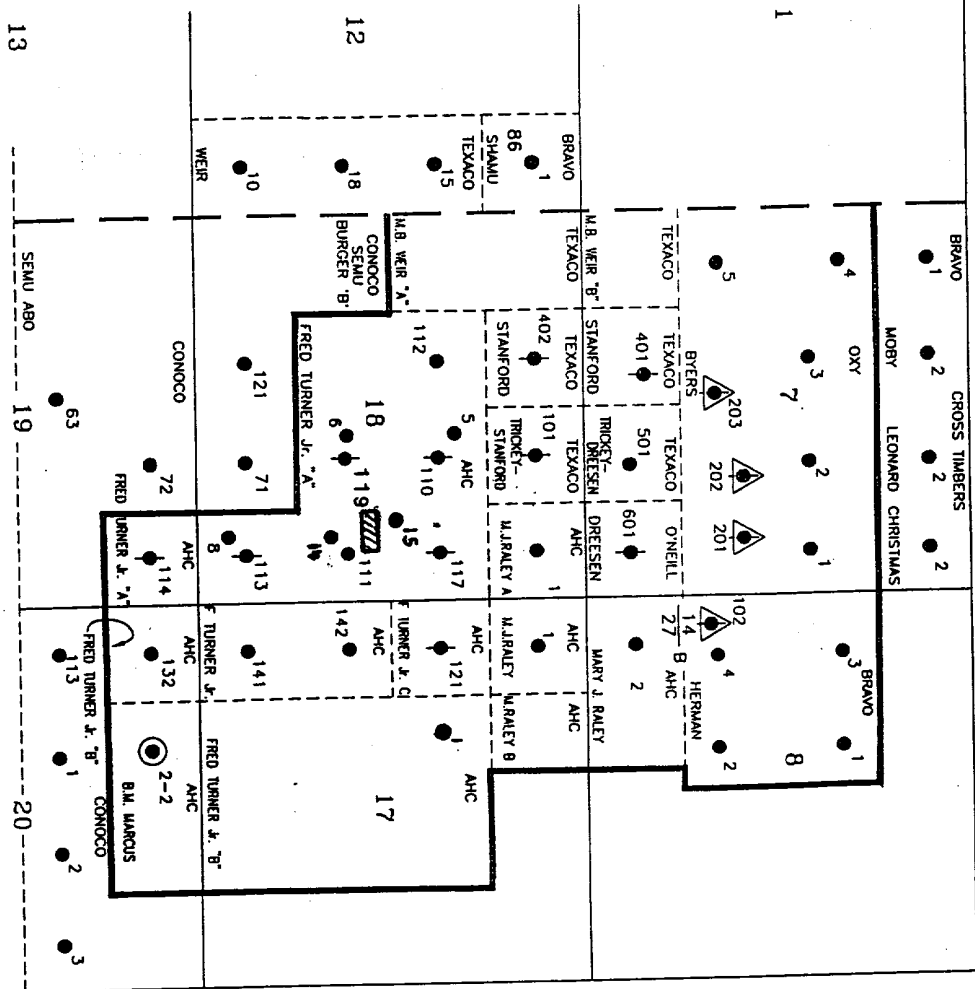
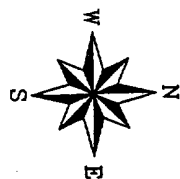
Reporting for Cost Center: S00012-Monument Area
 Prod Volumes - Begin Date : 05/01/1999 - End Date : 09/30/2000
 Attributes : Well Completion Sum By : Selected Entities

Well	Prod. Date	Prod. Oil (BBLs)	Prod. Gas (MCF)	Prod. Water (BBLs)	Well No	Well API
RALEY, MARY J #2-3 (ABO)	05/31/1999	449	1390	1446	001581-03	3002507757
RALEY, MARY J #2-3 (ABO)	06/30/1999	430	1373	1323	001581-03	3002507757
RALEY, MARY J #2-3 (ABO)	07/31/1999	501	1465	1492	001581-03	3002507757
RALEY, MARY J #2-3 (ABO)	08/31/1999	488	1475	1408	001581-03	3002507757
RALEY, MARY J #2-3 (ABO)	09/30/1999	0	0	0	001581-03	3002507757



R-37-E

R-38-E



T
20
S

CONFIDENTIAL

WELL INFORMATION

LEASE INFORMATION

- OIL WELL
- T&D
- ☼ P & A
- ☼ GAS WELL

- ▽ INJECTION WELL
- ⊗ SWD

WMU/TURNER "A" FACILITY

WELLS PRODUCING TO WARREN MCKEE UNITERED TURNER
JR. "A" BATTERY

8-14-2000

WEST NADINE PADDOCK-BLINERY

LEASE
M.J. RALEY #1
UNIT D, SEC. 17, T20S, R38E
UNIT M, SEC. 8, T20S, R38E

EAST SKAGGS ABO

LEASE
M.J. RALEY "A" #1
LOCATION
UNIT A, SEC. 18, T20S, R38E

SKAGGS GRAYBURG

LEASE
FRED TURNER JR. "A" #5
FRED TURNER JR. "A" #6
FRED TURNER JR. "A" #8
FRED TURNER JR. "A" #14
LOCATION
UNIT G, SEC. 18, T20S, R38E
UNIT I, SEC. 18, T20S, R38E
UNIT F, SEC. 18, T20S, R38E
UNIT L, SEC. 18, T20S, R38E

EAST SKAGGS ABO

LEASE
TURNER "A" #15
LOCATION
UNIT I, SEC. 18, T20S, R38E

WEST NADINE PADDOCK-BLINERY & WEST NADINE TUBB

LEASE
FRED TURNER JR. "B" #1
LOCATION
UNIT F, SEC. 17, T20S, R38E

WARREN MCKEE SIMPSON

LEASE
WARREN MCKEE UNIT #111
WARREN MCKEE UNIT #112
WARREN MCKEE UNIT #117
WARREN MCKEE UNIT #132
WARREN MCKEE UNIT #141
WARREN MCKEE UNIT #142
WARREN MCKEE UNIT #501
LOCATION
UNIT I, SEC. 18, T20S, R38E
UNIT F, SEC. 18, T20S, R38E
UNIT H, SEC. 18, T20S, R38E
UNIT D, SEC. 20, T20S, R38E
UNIT M, SEC. 17, T20S, R38E
UNIT L, SEC. 17, T20S, R38E
UNIT O, SEC. 7, T20S, R38E

*WELLS CURRENTLY SHUT-IN

AMERADA HESS CORPORATION

BASE MAP

SKAGGS.DWG