

4-29-04 DATE IN	<i>[Signature]</i> SUSPENSE	ENGINEER <i>Jones</i>	LOGGED IN <i>SM</i>	TYPE <i>DHC</i> <i>3273</i>	PSEM 0412051343 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



APR 29 2004

OIL CONSERVATION
DIVISION

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**
[DHC-Downhole Commingling] **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**
[PC-Pool Commingling] **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**
[WFX-Waterflood Expansion] **[PMX-Pressure Maintenance Expansion]**
[SWD-Salt Water Disposal] **[IPI-Injection Pressure Increase]**
[EOR-Qualified Enhanced Oil Recovery Certification] **[PPR-Positive Production Response]**

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Carol J. Moore
 Print or Type Name

Signature

Carol J. Moore

Senior Advisor, Regulatory

Title

4/26/2004

Date

cmoore@hess.com
 e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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
Warren McKee UNIT # 119
Fred Turner Jr. 'A'

Address

Unit J, Sec. 18, T20S, R38E

DHC-3273

Lea

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 000495 Property Code 000220 API No. 30-025-07792 Lease Type: ☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Nadine; Tubb, West ✓	Skaggs Drinkard ✓	Skaggs Abo; East ✓
Pool Code	47530	57000	56630
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6488'-6491'	6628' - 6908'	7508' - 7629'
Method of Production (Flowing or 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)			
Producing, Shut-In or New Zone	New Zone		New Zone
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: Rates:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas *SEE BELOW % %	Oil Gas *SEE BELOW % %	Oil Gas *SEE BELOW % %

*Allocation percentage to be reported to Hobbs NMOCDD prior to commingling.

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 ☐

NMOCDD 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 within the proposed Pre-Approved Pools
- List of all operators within 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 Carol J. Moore TITLE Senior Advisor, Regulatory DATE 4/27/2004

TYPE OR PRINT NAME Carol J. Moore TELEPHONE NO. (432) 758-6738

E-MAIL ADDRESS cmoore@hess.com

Amerada Hess Corporation
Fred Turner Jr. 'A' No. 9
API # 30-025-07792

Form C-107-A - Attachment

Form C-102 - Nadine Tubb, West (47530), Skaggs Drinkard (57000) & Skaggs Abo East (56630)

Production Data:

The Fred Turner 'A' No. 9 (formerly WMU #119) is currently TA'd in the McKee formation. Workover is planned to complete in the Tubb, Drinkard and Abo formations. A summary of the work plan is listed below:

Perforate the Abo (7508'-7629'), Drinkard (6628'-6908') and Tubb (6488'-6491') intervals.

Acidize each set of perms using 8000 gallons 15% HCl w/ additives using PPI packer to isolate between.

Swab back acid load. Swab entire interval and obtain commingled swab rate.

Set CIBP above Abo perms, and swab Tubb/Drinkard perms. Determine Abo contribution per subtraction method.

Set packer between Tubb and Drinkard formations and obtain swab rates for Drinkard only.

Determine percentage oil and gas contributions per subtraction method.

Perform limited entry frac on Drinkard/Tubb perms (if justified by swab results).

Clean out wellbore, knock out plug above Abo, and begin production from Abo, Drinkard and Tubb zones.

AHC will submit commingled production rate and allocation percentages (per swab testing) to NMOCD Hobbs Office upon completion of workover.

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-07792	² Pool Code 47530	³ Pool Name Nadine; Tubb, West
⁴ Property Code 000220	⁵ Property Name Fred Turner Jr. 'A'	⁶ Well Number 9
⁷ OGRID No. 000495	⁸ Operator Name Amerada Hess Corporation	⁹ Elevation 3565' DF

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	18	20S	38E		1980	South	1880	East	Lea

¹¹ Bottom Hole Location If Different From Surface

UL 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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Carol J. Moore Printed Name Senior Advisor cmoore@hess.com Title and E-mail Address 4/23/2004 Date
	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 belief. Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-07792	² Pool Code 57000	³ Pool Name Skaggs; Drinkard
⁴ Property Code 000220	⁵ Property Name Fred Turner Jr. 'A'	⁶ Well Number 9
⁷ OGRID No. 000495	⁸ Operator Name Amerada Hess Corporation	⁹ Elevation 3565' DF

¹⁰ Surface Location

UL or lot no. J	Section 18	Township 20S	Range 38E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1880	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL 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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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-07792		² Pool Code 56630	³ Pool Name Skaggs; Abo, East
⁴ Property Code 000220	⁵ Property Name Fred Turner Jr. 'A'		⁶ Well Number 9
⁷ OGRID No. 000495	⁸ Operator Name Amerada Hess Corporation		⁹ Elevation 3565' DF

¹⁰ Surface Location

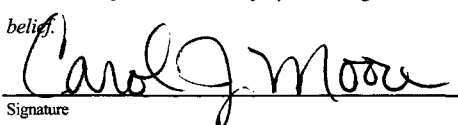
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¹¹ Bottom Hole Location If Different From Surface

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