

April 14, 1998

WELL NAME AND NUMBER:
LOCATION:
OPERATOR:
DRILLING CONTRACTOR:

JW
COOPER #~~351~~ 5
SEC.3 T20S R31E
AMERADA HESS
PATTERSON DRILLING CO.

*Unit C
604/N & 1978/E
30-025-34292*

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

DEGREE AND DEPTH		DEGREE AND DEPTH		DEGREE AND DEPTH	
0.75	442	1.75	3416	0.75	5876
0.75	973	0.75	3885	1.00	6313
0.75	1385	1.25	4351	1.25	6813
0.75	1832	1.50	4755	1.00	7279
0.75	2081	1.75	5220	4.00	7747
0.75	2454	0.75	5481	0.75	8247
1.00	2980				

Drilling Contractor:
Patterson Drilling Company

By: *Billy Jensen*
Billy Jensen

Subscribed and sworn to before me on this 14th day of April 1998.

My Commission Expires: June 30, 2001

Mary G. Henson
Mary G. Henson

rw

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-34292

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
N/A

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL GAS WELL OTHER

7. Lease Name or Unit Agreement Name
J.W. Cooper

2. Name of Operator
Amerada Hess Corporation

8. Well No.
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3. Address of Operator
P.O. Box 2040 Houston, TX 77252-2040

9. Pool name or Wildcat
Wildcat/Strawn

4. Well Location
Unit Letter Lot 2 : 604 Feet From The North Line and 1978 Feet From The East Line
Section 3 Township 20 S Range 37 E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3564' Gr.

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>Running Surface Casing</u> <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

02-10-98 thru 02-13-98

MI & RU Patterson Rig No.55. Spud well @ 5:00 pm 2-10-98 (40' of 14" conductor + 13' to KB = 53'). Drill from 53' to 484'. Survey @ 442' = 3/4 (Deg). Drill from 484' to 973'. Survey @ 973' = 3/4 (Deg). Drill from 973' to 1385'. Survey @ 1385' = 3/4 (Deg). RU Bull Rogers Csg crew & run 32 jts of 8-5/8", 24#, J55, 8RS, SMLS, R3, "A" set @ 1385', shoe @ 1384', FC @ 1338' & ran 10 centralizers. Cmt w/ BJ. Pump 300 sx of C1 "C" + 4% Gel + 2% Cac12 + 1/4#/sx CF (13.7#-1.68). Tail w/ 200 sx of C1 "C" + 2% Cac12 + 1/4#/sx CF (14.8#-1.34). Displace w/ 85 bbls of fresh water @ 7 bbl/min. Final circ w/ 930 psi. Bump plug w/ 1600 psi @ 4:00 am 2-12-98 w/ good returns. Circ 98 sx cmt to pit. WOC. Test pipe rams w/ 1500 psi, ok. Drill cmt from 1295' to 1347'. Test csg w/ 1000 psi, ok.

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

SIGNATURE Mike Jumper TITLE Adm. Supervisor Drilling Svcs. DATE 02-16-98
TYPE OR PRINT NAME Mike Jumper TELEPHONE NO. (713)609-4846

(This space for State Use) ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

AUG 20 1998

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 811 S. 1st Street, Artesia, NM 88210-2834
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address		² OGRID Number
Amerada Hess Corporation P.O. Box 2040 Houston, TX 77252-2040		000495
⁴ Property Code		³ API Number
93		30-0 25-34292
⁵ Property Name		⁶ Well No.
JW E. Cooper		5

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
Lot 2	3	20 S	37 E		604	North	1978	East	Lea

⁸ Proposed 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
⁹ Proposed Pool 1					¹⁰ Proposed Pool 2				
Wildcat/Strawn									

¹¹ Work Type Code	¹² Well Type Code	¹³ Cable/Rotary	¹⁴ Lease Type Code	¹⁵ Ground Level Elevation
N	0	R	P	3564'
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date
No	8300'	Strawn	Unknown	02-08-98

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8-5/8"	24#	1500'	500	Surface
7-7/8"	5-1/2"	15.5#	8300'	1200	3000'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

1. Drill an 11" hole to 1500' & set 1500' of 8-5/8" surface casing. Cement with 500 sx. of cement & circulate to surface.
2. Drill an 7-7/8" to 8300' & set 8300' of 5-1/2" production casing. Cement with 1200 sx of cement to 3000'.

Permit Expires 1 Year From Approval
 Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: 
 Printed name: Mike Jumper

Title: Adm. Supervisor Drilling Services

OIL CONSERVATION DIVISION

Approved: ORIGINAL SIGNED BY 
 GARY WINK

Title: FIELD REP. II

Approval Date: FEB 05 1998

Expiration Date:

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