

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer 80, Artesia, NM 88211-0710

DISTRICT III
1900 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Illinois Camp North, Morrow
Property Code	Property Name	Well Number
23782	FREEDMAN	1
OGRID No.	Operator Name	Elevation
14021	MARATHON OIL COMPANY	3606'

Surface Location

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	22	18-S	28-E		100	NORTH	1860	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
F	22	18-S	28-E		1090	North	1950	West	Eddy

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320 - N/2			

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>R. J. Longmire</i> Signature R. J. Longmire Printed Name Drilling Superintendent Title 9/28/98 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>AUGUST 31, 1998 Date Surveyed CDG Signature & Seal of Professional Surveyor <i>Barry E. Olson</i> 9/1/98 98-11-1191</p> <p>Certificate No. DONALD J. OLSON 1239 BARRY OLSON 12541</p>
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LTR

MARATHON OIL COMPANY

Freedman 22 State #1

750' FNL & 1860' FWL

Sec. 22, T- 18-S, R-28-E

Eddy County, New Mexico

MIRU TMBR Sharp # 27, spud 17.5" hole @ 1030 hrs 11/21/98. Drilled to 450'. Ran 10 jts, 13.375", H-40 casing to 450'. Shoe @ 450', float collar @ 404'. RU BJ, Cemented surface casing W/ 400 sx class "C", 2% cacl, Wt 14.8, yield - 1.32. Bumped plug and circulated 80 sx to pit. WOC 4 hrs, cut casing and installed 13.625" X 13.375" SOW casing head, NU rotating head and TIH w/ 12.25" bit. WOC 10 hrs. Drilled float equip and formation to 2950'. TD @ 2315 hrs 11/26/98.

Ran 9-5/8" Intermediate casing as follows: 70 jts 36#, K-55, LTC new casing to 2950'. Shoe @ 2950', float collar @ 2918'. Cemented w/ 775 sx Howco Interfil "C", 5 pps gilsonite, 5 pps nacl, .25 pps cello, Wt - 11.9 ppg, yield - 2.46. Tailed in w/ 250 sx "C" neat Wt - 14.8, yield 1.34. Circulated 125 SX. cement. Plug down @ 0915, 11/27/98. ND BOPE and set slips w/ 80K. NU 13-5/8" 3M X 11" 3M casing head and tested weld to 1000 psi.

Installed 11" 3m dual ram BOPE. Tested rams to 200/1900 psi. PU 12.25" bit and BHA and TIH. Drilled float and cement.

Drilled formation to 11030' TD @ 2045 hrs, 12/14/98. Logged well as follows: Platform Express W/HALS, NGT/BHC Sonic TD - surf. FMI TD - 8700'. CNL/GR/CAL to surface.

Propose to plug back to 7,200' and kick off and directionally drill to a BHL of 1090' FNL & 1950' FWL.

Proposed plugs: #1 - 10,800' - 10,700', #2 - 10,100' - 9800', #3 - 9800' - 9400', #4 - 9,000 - 8,700', Kick - off plug - 7700' - 7200'.

BRYAN -
HERE IS OUR CURRENT STATUS
FOR OUR WELL IN THE TRAVIS - U. PENN/
ILLINOIS CAMP/MONMOUTH.
CALL ME IF YOU HAVE ANY QUESTIONS.
M:\DUEEEASE\PAGANISU.DOC
THANKS -
WALTER O - 800 - 351-1417