

District I
1625 N. French Dr., 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

Form C-101
May 27, 2004

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

RECEIVED

Submit to appropriate District Office
FEB 09 2006 ☐ AMENDED REPORT
OCD-ARTESIA

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

¹ Operator Name and Address V-F Petroleum Inc., P.O. Box 1889, Midland, Texas 79702		² OGRID Number 024010
³ Property Code 23256	⁵ Property Name Garvin "22" State	⁴ API Number 30-015-30177
⁹ Proposed Pool 1 Palmillo Draw Atoka Gas		¹⁰ Proposed Pool 2 North Turkey Track Atoka Gas

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
0	22	18-S	28-E		660'	South	1,980'	East	Eddy

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

Additional Well Information				
¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3,586'
¹⁶ Multiple N	¹⁷ Proposed Depth 10,560'	¹⁸ Formation Atoka	¹⁹ Contractor Nabors WS	²⁰ Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 mils thick Clay <input type="checkbox"/> Pit Volume: 2,000 bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> No Pits Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program					
Hole Size	*Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	620'	370	Circulate 79 sx
12 1/4"	9 5/8"	36#	2,950'	750	50' temp suy
8 3/4"	5 1/2"	20#	11,085'	1,930	205' temp suy

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.

(SEE BACK)

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Signature: <i>M. W. Luna</i>		Approved by: <i>Jim W. Green</i>	
Printed name: M.W. Luna		Title: District II Supervisor	
Title: Production Superintendent		Approval Date: FEB 09 2006	Expiration Date: FEB 09 2007
E-mail Address:			
Date: 01/30/06	Phone: (432) 683-3344	Conditions of Approval Attached <input type="checkbox"/>	

*All casing in place.

1. MIRU WSU.
2. Nipple up 7 1/16" 3,000# BOP. Test BOP stack to 3,000#.
3. TOH with all tubing and packers.
4. Set CIBP @ 10,560'. Cap with 35' cement.
5. Pressure test CIBP and casing to 5,000#.
6. Perforate Atoka zone 10,293' 10,304'
7. TIH with packer on 2 7/8" 6.5# L-80 tubing
8. Swab test well.
9. If necessary, TOH with tubing & packer.
10. Fracture stimulate Atoka zone down 5 1/2" 20# L-80 casing with 38,000 gal 70 quality foam + 40,000# 18/40 versa prop.
11. Flow back frac job and return well to production.

No H₂S expected.

ACT I

1980, Hobbs, NM 88241-1000

State of New Mexico

Energy, Minerals and Natural Resources

Form C-10

Revised February 10, 1991

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brason 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
		Turkey Track North - Morrow
Property Code	Property Name	Well Number
	J. GARVIN "22" STATE	1
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3586

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Count
0	22	18 S	28 E		660	SOUTH	1980	EAST	EDDY

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	Count

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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Walter D. Nordt</u> Signature D. P. Nordt Printed Name Drilling Superintendent Title 5/1/98 Date	
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes, actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. APRIL 15, 1998 Date Surveyed	
	Signature of Surveyor <u>Ronald D. Edson</u> Professional Surveyor State of New Mexico License No. 4-20-9 88-1-0582	
	Certificate No. RONALD EDSON 32: CARLETON 12: PROFESSIONAL McDONALD 12:	



MARATHON OIL COMPANY
MID-CONTINENT REGION
MIDLAND OPERATIONS NORTHWEST NEW MEXICO

FIELD: TRAVIS
LEASE: J. GARVIN 22 STATE
COUNTY: EDDY

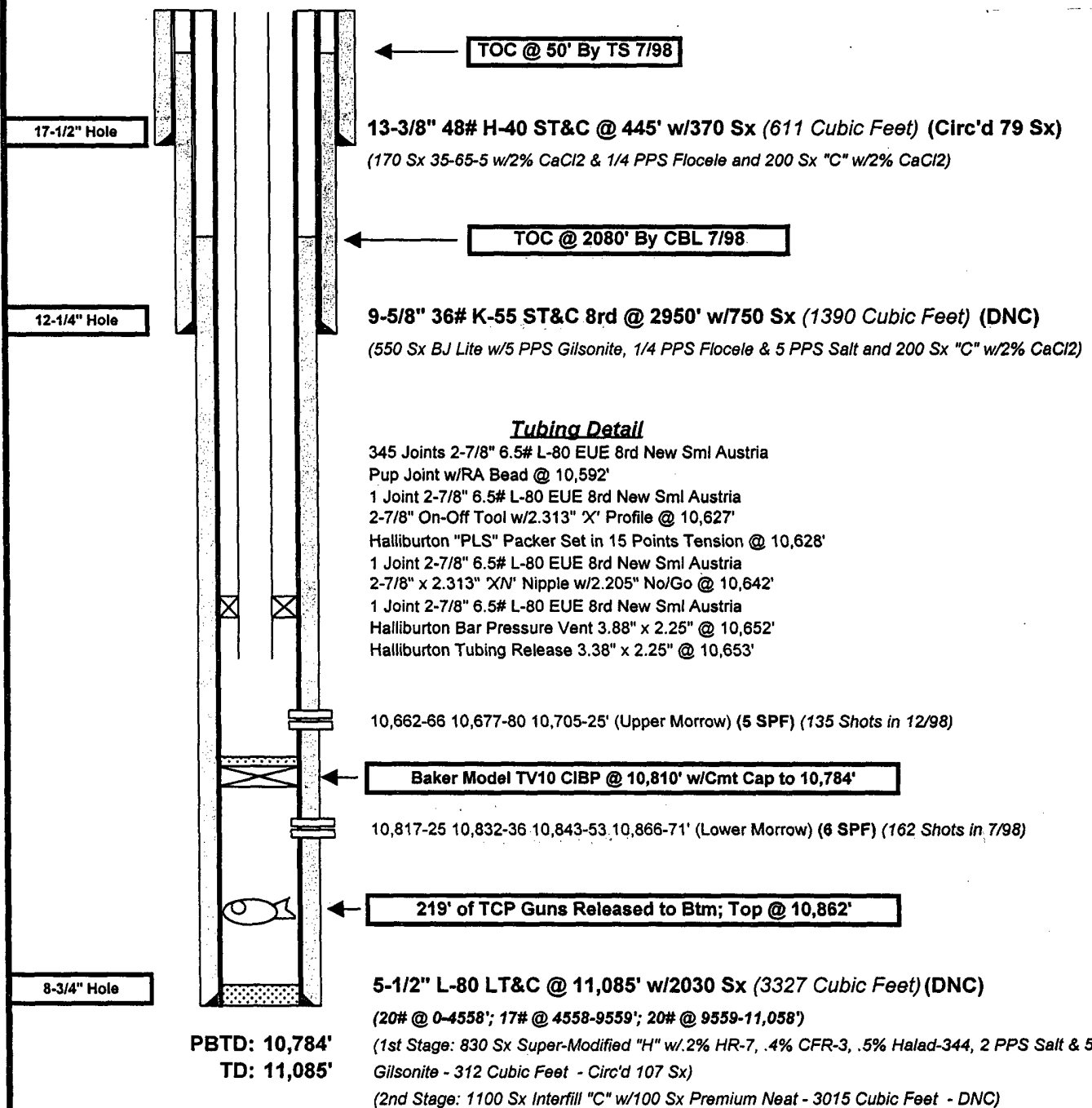
DATE: 07/20/99
BY: TL CHASE
WELL: 1
STATE: NEW MEXICO

SPUD DATE: 05/26/98
FINISHED DRILLING: 07/09/98
COMPLETED: 12/04/98
LOCATION: 660' FSL & 1980' FEL, SECTION 22, TOWNSHIP 18S, RANGE 28E

API: 30-015-30177

GL = 3586'

KB = 3604'



Well History

Jul '98	Spotted 500 Gal 7% KCL perf fluid. Ran GR/CCL & CBL. Perf'd Lower Morrow 10,817-10,871' w/TCP guns. No stimulation. Turned to production flowing. Note: Left 219' of TCP guns in hole.
Dec '98	Ran GR/CCL. Perf'd Upper/Middle Morrow 10,662-10,725' w/TCP guns. No stimulation. Ret to prod flowing (10/64th choke, 150#).
May/June '99	Set CIBP @ 10,810' w/cmt to 10,784'. Re-perf'd Middle Morrow 10,662-66 10,677-80 10,705-25' w/TCP guns. Shut-in well.
July '99	Frac'd Middle Morrow 10,662-10,725' w/52,000 gal 65% CO ₂ foam w/44,500# 20/40 interprop. Ret to prod flowg.