

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Nearburg Producing Company 3300 N A St., Bldg 2, Ste 120, Midland, TX 79705		² OGRID Number 015742
⁴ Property Code 16130		³ API Number 30- 15-27458
⁵ Property Name Ross Ranch 22		⁶ Well No. 2
⁹ Proposed Pool 1 North Seven Rivers; Glorieta/ Yeso		¹⁰ Proposed Pool 2

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
E	22	19S	25E		1932	North	560	West	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
D	22	19S	25E		330	North	700	West	Eddy

Additional Well Location

¹¹ Work Type Code Plugback	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3473
¹⁶ Multiple N	¹⁷ Proposed Depth 8100	¹⁸ Formation Glorieta/ Yeso	¹⁹ Contractor Mesa	²⁰ Spud Date 3/1/07
Depth to ground water		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic ☐ _____ mils thick Clay ☐ Pit Volume _____ bbls Drilling Method:				
Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4	9-5/8	36	1105	950	NA
8-3/4	7	36 & 32	8100	1330	NA
All csg is existing					

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.

Propose to plugback and horizontal drill the well to evaluate the Yeso formation. Perf, test and stimulate as necessary to establish production.

***John West Surveying restaked the well and the SHL measured out differently than the old play. See attached C102.**

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 ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.
Signature: *S. Jordan*

Printed name: **Sarah Jordan**

Title: **Production Analyst**

E-mail Address: **s.jordan@nearburg.com**

Date: **2/23/07**

Phone: **432/686-8235 x 203**

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Title:

Approval Date: **FEB 27 2007**

Expiration Date: **FEB 28 2008**

Conditions of Approval:

Attached ☐

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., HOBBES, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

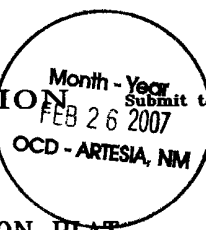
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87506

S

WATER CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505



Form C-102
Revised October 12, 2005
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30015-27458	Pool Code 97565	Pool Name N. Seven Rivers; Glorietta Reso
Property Code 16130	Property Name ROSS RANCH 22	Well Number 2
OGRID No. 015742	Operator Name NEARBURG PRODUCING COMPANY	Elevation 3473'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	22	19-S	25-E		1932	NORTH	560	WEST	EDDY

Bottom Hole Location If Different From Surface

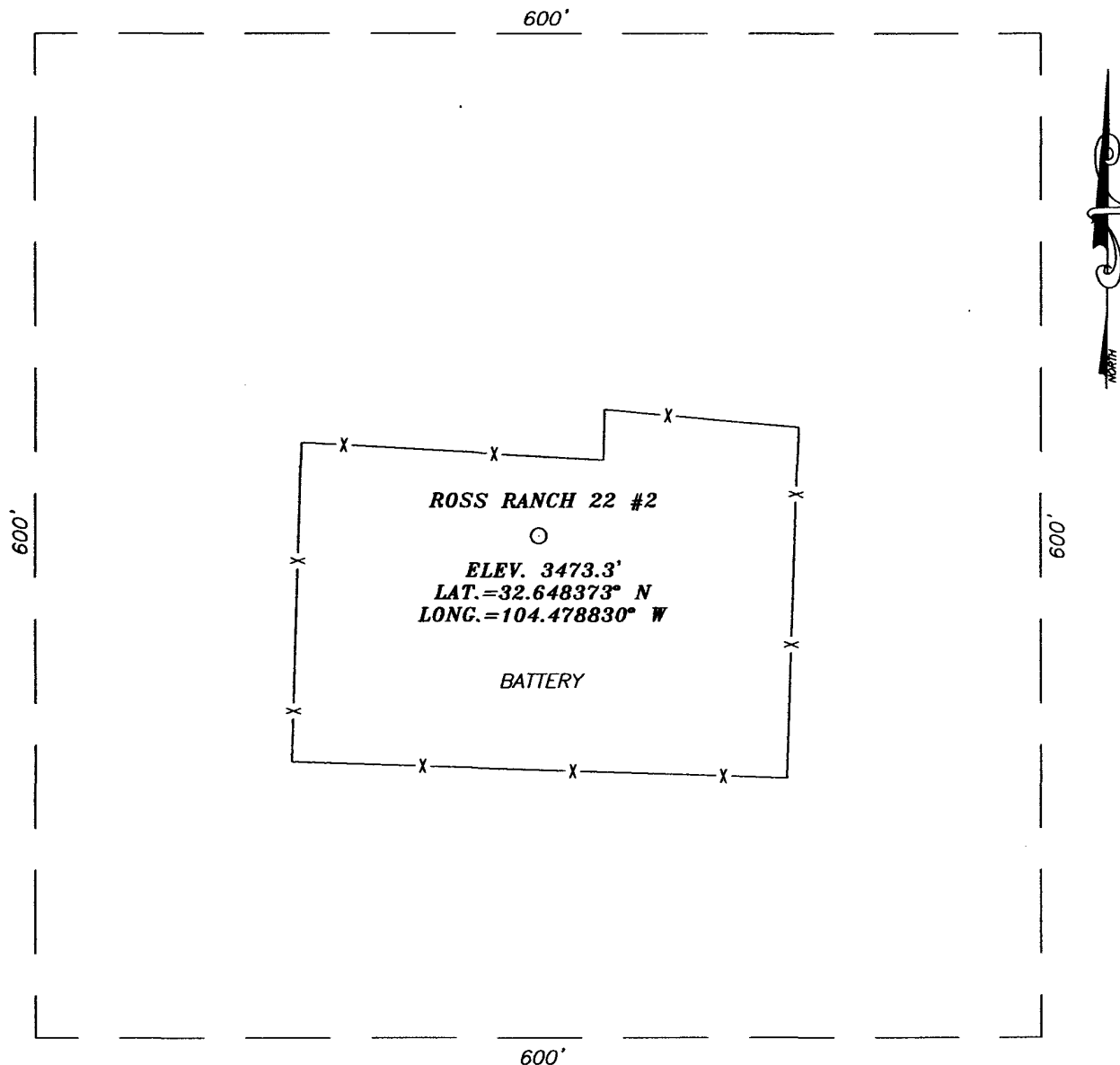
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	22	19-S	25-E		330	NORTH	700	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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

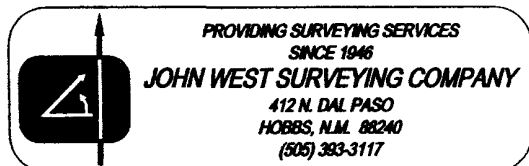
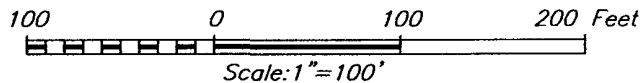
	BOTTOM HOLE Y=601221.8 N X=455355.1 E	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Jordan 2/20/07</i> Signature Date <i>Gary Jordan</i> Printed Name
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=599620.0 N X=455217.1 E LAT.=32.648373° N LONG.=104.478830° W	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. JANUARY 31, 2007 Date Surveyed JR Signature & Seal of Professional Surveyor <i>Gary E. Eidson 2/8/07</i> 07.11.0138 Certificate No. GARY EIDSON 12641	

SECTION 22, TOWNSHIP 19 SOUTH, RANGE 25 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #285 AND CO. RD. #21 (ROCKIN-R-RED RD.), GO WEST ON CO. RD. #21 APPROX. 5.4 MILES. TURN LEFT AND GO SOUTH APPROX. 0.3 MILES. TURN LEFT AND GO NORTHEAST APPROX. 0.3 MILES. VEER RIGHT AND GO SOUTHEAST APPROX. 0.2 MILES TO THE ROSS RANCH 22 BATTERY FENCE. THIS EXISTING LOCATION IS INSIDE BATTERY FENCE.

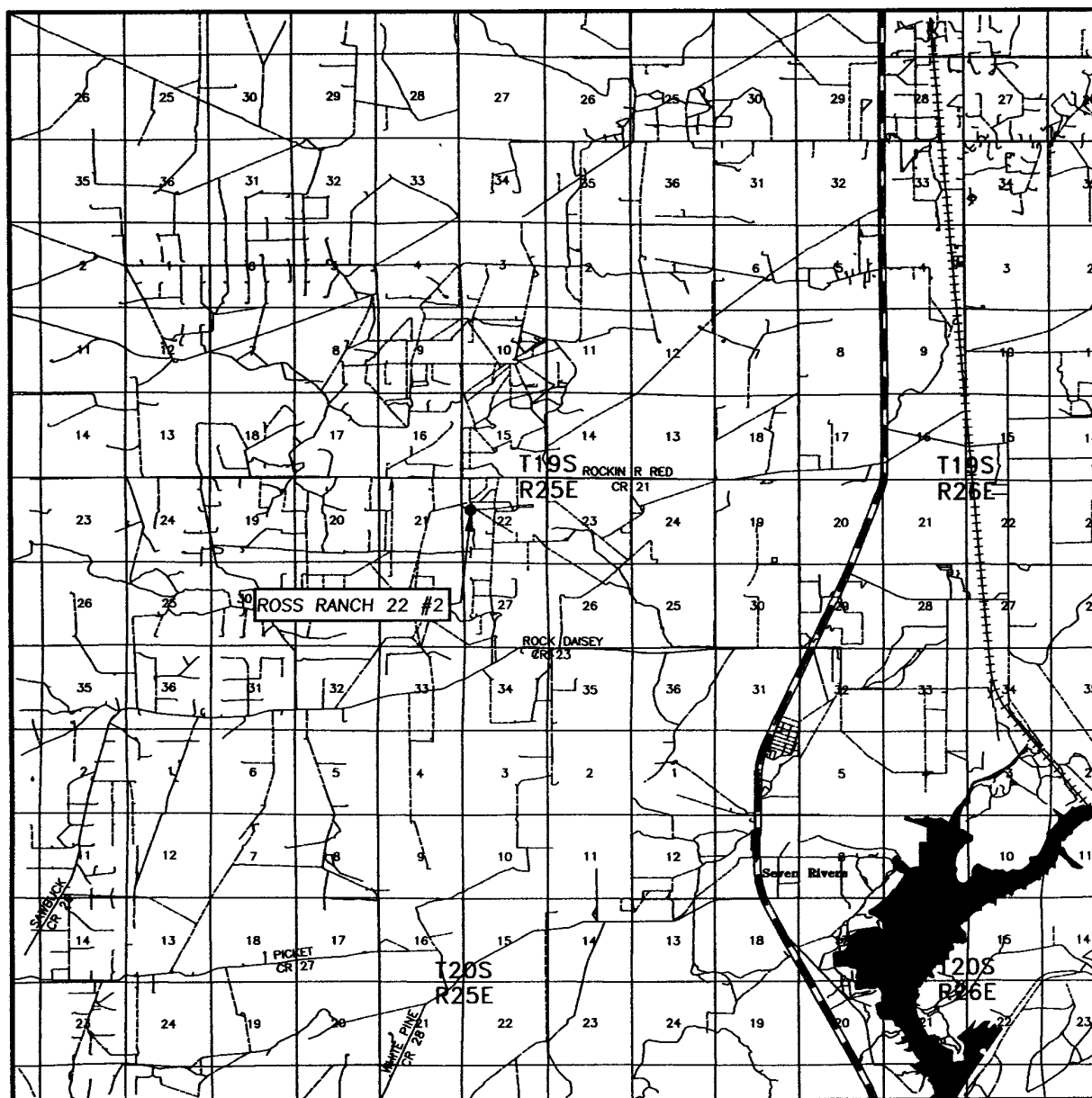


NEARBURG PRODUCING COMPANY

ROSS RANCH 22 #2 WELL
 LOCATED 1932 FEET FROM THE NORTH LINE
 AND 560 FEET FROM THE WEST LINE OF SECTION 22,
 TOWNSHIP 19 SOUTH, RANGE 25 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.

Survey Date: 01/31/07	Sheet 1 of 1 Sheets
W.O. Number: 07.11.0138	Dr By: J.R.
Date: 01/03/07	Disk: CD#7
07110138	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 22 TWP. 19-S RGE. 25-E

SURVEY N.M.P.M.

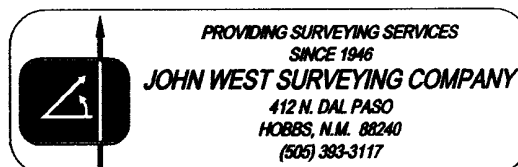
COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 1932' FNL & 560' FWL

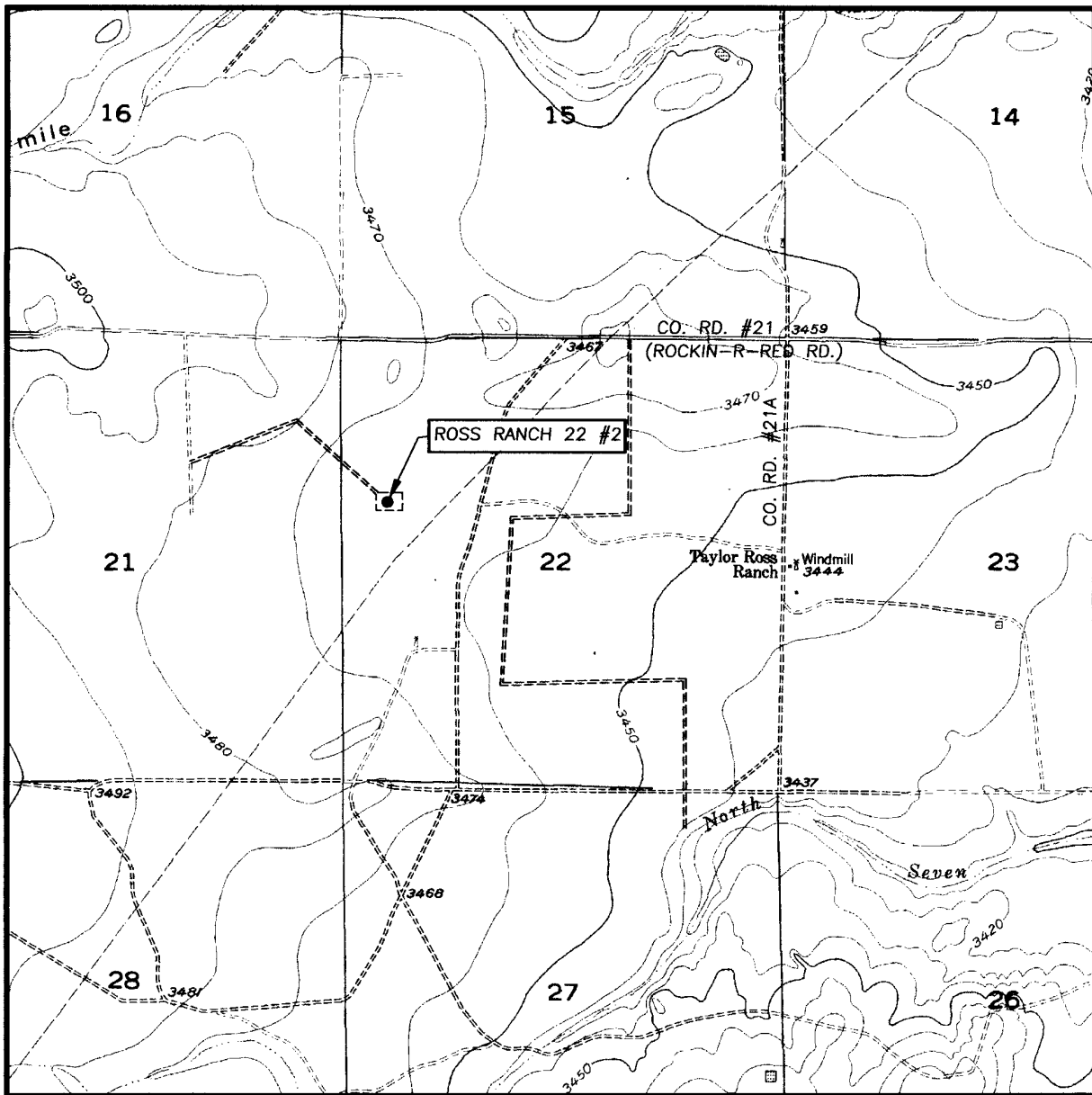
ELEVATION 3473'

NEARBURG
OPERATOR PRODUCING COMPANY

LEASE ROSS RANCH 22



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
DAYTON, N.M. - 10'

SEC. 22 TWP. 19-S RGE. 25-E

SURVEY _____ N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

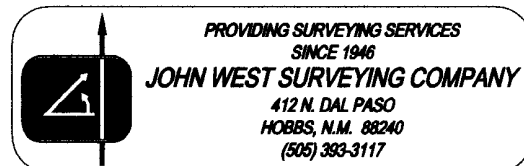
DESCRIPTION 1932' FNL & 560' FWL

ELEVATION 3473'

OPERATOR NEARBURG PRODUCING COMPANY

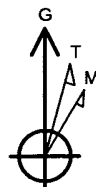
LEASE ROSS RANCH 22

U.S.G.S. TOPOGRAPHIC MAP
DAYTON, N.M.



NEARBURG PRODUCING COMPANY

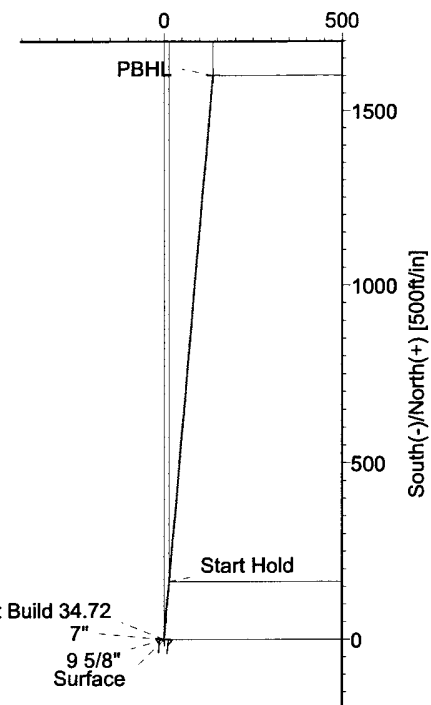
Field: Eddy County, New Mexico
Site: Ross Ranch 22
Well: #2
Wellpath: OH
Plan: Plan #1



Azimuths to Grid North
True North: 0.08°
Magnetic North: 8.61°

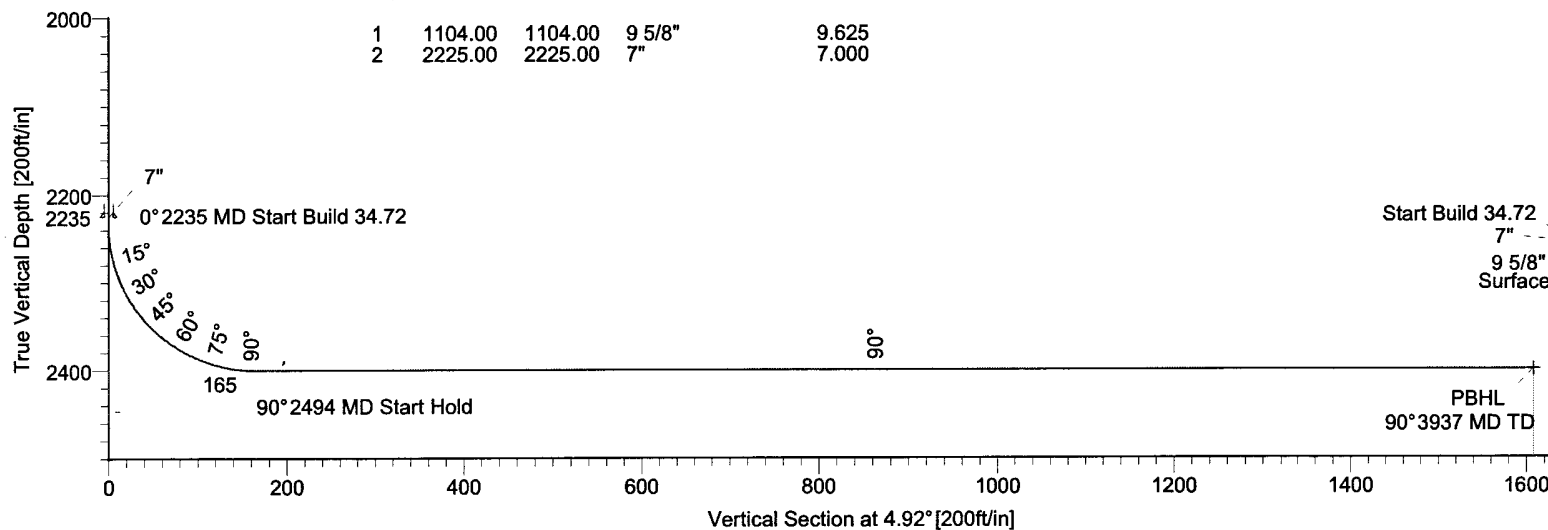
Magnetic Field
Strength: 49245nT
Dip Angle: 60.53°
Date: 2/15/2007
Model: igr200510

West(-)/East(+) [500ft/in]



CASING DETAILS

No.	TVD	MD	Name	Size
1	1104.00	1104.00	9 5/8"	9.625
2	2225.00	2225.00	7"	7.000



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	599620.00	455217.10	32°38'54.143N	104°28'43.787W	Point
PBHL	2400.00	1601.80	138.00	601221.80	455355.10	32°39'09.995N	104°28'42.199W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	4.92	0.00	0.00	0.00	0.00	0.00	0.00	
2	2235.00	0.00	4.92	2235.00	0.00	0.00	0.00	0.00	0.00	
3	2494.18	90.00	4.92	2400.00	164.39	14.16	34.72	4.92	165.00	
4	3936.91	90.00	4.92	2400.00	1601.80	138.00	0.00	0.00	1607.73	PBHL



LEAM DRILLING SYSTEMS, INC.
101 Industrial Court Conroe, Texas 77301
Phone: 936-756-7577 Fax: 936-756-7595

Plan: Plan #1 (#2/OH)
Created By: Well Planner Date: 2/15/2007
Checked: Date:
Reviewed: Date:

LEAM Drilling Systems, Inc.

Planning Report

Company:	NEARBURG PRODUCING COMPANY	Date:	2/15/2007	Time:	21:19:07	Page:	1
Field:	Eddy County, New Mexico	Co-ordinate(NE) Reference:	Well: #2, Grid North				
Site:	Ross Ranch 22	Vertical (TVD) Reference:	SITE 0.0				
Well:	#2	Section (VS) Reference:	Well (0.00N,0.00E,4.92Azi)				
Wellpath:	OH	Survey Calculation Method:	Minimum Curvature				Db: Sybase

Field: Eddy County, New Mexico
1932' FNL, 560 FWL Sec 22, T19S R25E

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf200510

Site: Ross Ranch 22

Site Position:	Northing:	599620.00 ft	Latitude:	32 38	54.143 N
From: Map	Easting:	455217.10 ft	Longitude:	104 28	43.787 W
Position Uncertainty:	0.00 ft		North Reference:		Grid
Ground Level:	1608.20 ft		Grid Convergence:		-0.08 deg

Well:	#2	Slot Name:						
Well Position:	+N/-S	0.00 ft	Northing:	599620.00 ft	Latitude:	32	38	54.143 N
	+E/-W	0.00 ft	Easting :	455217.10 ft	Longitude:	104	28	43.787 W
Position Uncertainty:		0.00 ft						

Wellpath:	OH			Drilled From:	Surface
Current Datum:	SITE		Height	Tie-on Depth:	0.00 ft
Magnetic Data:	2/15/2007		0.00 ft	Above System Datum:	Mean Sea Level
Field Strength:	49245 nT			Declination:	8.53 deg
Vertical Section:	Depth From (TVD)			Mag Dip Angle:	60.53 deg
	ft		+N/-S	+E/-W	Direction
			ft	ft	deg
	0.00		0.00	0.00	4.92

Plan:	Plan #1	Date Composed:	2/15/2007
		Version:	1
Principal:	No	Tied-to:	From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	4.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2235.00	0.00	4.92	2235.00	0.00	0.00	0.00	0.00	0.00	0.00	
2494.18	90.00	4.92	2400.00	164.39	14.16	34.72	34.72	0.00	4.92	
3936.91	90.00	4.92	2400.00	1601.80	138.00	0.00	0.00	0.00	0.00	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2235.00	0.00	4.92	2235.00	0.00	0.00	0.00	0.00	0.00	0.00	
2240.00	1.74	4.92	2240.00	0.08	0.01	0.08	34.72	34.72	0.00	
2250.00	5.21	4.92	2249.98	0.68	0.06	0.68	34.72	34.72	0.00	
2260.00	8.68	4.92	2259.90	1.88	0.16	1.89	34.72	34.72	0.00	
2270.00	12.15	4.92	2269.74	3.68	0.32	3.70	34.72	34.72	0.00	
2280.00	15.63	4.92	2279.44	6.08	0.52	6.10	34.72	34.72	0.00	
2290.00	19.10	4.92	2288.99	9.05	0.78	9.08	34.72	34.72	0.00	
2300.00	22.57	4.92	2298.33	12.59	1.08	12.64	34.72	34.72	0.00	
2310.00	26.04	4.92	2307.44	16.69	1.44	16.75	34.72	34.72	0.00	
2320.00	29.52	4.92	2316.29	21.33	1.84	21.41	34.72	34.72	0.00	
2330.00	32.99	4.92	2324.84	26.50	2.28	26.60	34.72	34.72	0.00	
2340.00	36.46	4.92	2333.06	32.18	2.77	32.30	34.72	34.72	0.00	
2350.00	39.93	4.92	2340.91	38.34	3.30	38.48	34.72	34.72	0.00	
2360.00	43.41	4.92	2348.38	44.96	3.87	45.13	34.72	34.72	0.00	
2370.00	46.88	4.92	2355.43	52.02	4.48	52.21	34.72	34.72	0.00	
2380.00	50.35	4.92	2362.04	59.50	5.13	59.72	34.72	34.72	0.00	
2390.00	53.82	4.92	2368.19	67.35	5.80	67.60	34.72	34.72	0.00	

LEAM Drilling Systems, Inc.

Planning Report

Company: NEARBURG PRODUCING COMPANY
 Field: Eddy County, New Mexico
 Site: Ross Ranch 22
 Well: #2
 Wellpath: OH

Date: 2/15/2007 Time: 21:19:07 Page: 2
 Co-ordinate(NE) Reference: Well: #2, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,4.92Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2400.00	57.30	4.92	2373.84	75.57	6.51	75.85	34.72	34.72	0.00	
2410.00	60.77	4.92	2378.99	84.11	7.25	84.42	34.72	34.72	0.00	
2420.00	64.24	4.92	2383.60	92.95	8.01	93.29	34.72	34.72	0.00	
2430.00	67.71	4.92	2387.67	102.05	8.79	102.42	34.72	34.72	0.00	
2440.00	71.19	4.92	2391.18	111.37	9.60	111.79	34.72	34.72	0.00	
2450.00	74.66	4.92	2394.12	120.90	10.42	121.34	34.72	34.72	0.00	
2460.00	78.13	4.92	2396.47	130.58	11.25	131.06	34.72	34.72	0.00	
2470.00	81.60	4.92	2398.23	140.39	12.09	140.91	34.72	34.72	0.00	
2480.00	85.08	4.92	2399.39	150.28	12.95	150.84	34.72	34.72	0.00	
2490.00	88.55	4.92	2399.95	160.23	13.80	160.82	34.72	34.72	0.00	
2494.18	90.00	4.92	2400.00	164.39	14.16	165.00	34.72	34.72	0.00	
2500.00	90.00	4.92	2400.00	170.19	14.66	170.82	0.00	0.00	0.00	
2600.00	90.00	4.92	2400.00	269.82	23.25	270.82	0.00	0.00	0.00	
2700.00	90.00	4.92	2400.00	369.45	31.83	370.82	0.00	0.00	0.00	
2800.00	90.00	4.92	2400.00	469.08	40.41	470.82	0.00	0.00	0.00	
2900.00	90.00	4.92	2400.00	568.71	49.00	570.82	0.00	0.00	0.00	
3000.00	90.00	4.92	2400.00	668.34	57.58	670.82	0.00	0.00	0.00	
3100.00	90.00	4.92	2400.00	767.97	66.16	770.82	0.00	0.00	0.00	
3200.00	90.00	4.92	2400.00	867.60	74.75	870.82	0.00	0.00	0.00	
3300.00	90.00	4.92	2400.00	967.24	83.33	970.82	0.00	0.00	0.00	
3400.00	90.00	4.92	2400.00	1066.87	91.91	1070.82	0.00	0.00	0.00	
3500.00	90.00	4.92	2400.00	1166.50	100.50	1170.82	0.00	0.00	0.00	
3600.00	90.00	4.92	2400.00	1266.13	109.08	1270.82	0.00	0.00	0.00	
3700.00	90.00	4.92	2400.00	1365.76	117.66	1370.82	0.00	0.00	0.00	
3800.00	90.00	4.92	2400.00	1465.39	126.25	1470.82	0.00	0.00	0.00	
3900.00	90.00	4.92	2400.00	1565.02	134.83	1570.82	0.00	0.00	0.00	
3936.91	90.00	4.92	2400.00	1601.80	138.00	1607.73	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
Surface		0.00	0.00	0.00	599620.00	455217.10	32	38	54.143	N	104	28 43.787 W
PBHL		2400.00	1601.80	138.00	601221.80	455355.10	32	39	9.995	N	104	28 42.199 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
1104.00	1104.00	9.625	12.250	9 5/8"
2225.00	2225.00	7.000	8.750	7"