Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
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 and Natural Resources

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

Form C-105
Revised June 10, 2003

WELL API NO.
30-015-33501

5. Indicate Type of Lease
STATE ☐ FEE ☒

State Oil & Gas Lease No. 4881 (Property Code)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

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7. Lease Name or Unit Agreement Name
Douglas Com (4881)

2. Name of Operator
HEC Petroleum, Inc. (9812)

8. Well No.
2

3. Address of Operator
500 W. Illinois Midland, Texas 79701

9. Pool name or Wildcat
Carlsbad; Morrow, South (Pro Gas) 73960

4. Well Location
Unit Letter H : 2,350 Feet From The North Line and 190 Feet From The East Line
Section 7 Township 22S Range 27E NMPM EDDY County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
08/09/2004	09/30/2004	11/11/2004	3,098' GR	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
12,150'MD/11,734'TVD	12,006' MD		Nabors	0'-12,150'	

19. Producing Interval(s), of this completion - Top, Bottom, Name
11,516' - 11,951', Morrow

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
TDLD/CNL/GR, Hi-Res LL/Micro-CFL/GR

22. Was Well Cored
No

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48# H-40	445'	17-1/2"	485sx (CIR 72sx)	0'
9-5/8"	36# J-55	1,810'	12-1/4"	650sx (TOC@710')	0'
		Squeez Cement	Thru 1" in Annulus	130sx (Surface)	0'
7"	26# HCP-110	9,085'	8-3/4"	1230sx (CIR 265sx)	0'

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2" P-110	8,808'	12,150'	230sx (CIR 41sx TOL)	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	11,410'	11,410'

26. Perforation record (interval, size, and number)
11,817'-11,951', 2SPF (.38") Total 36 Holes.
11,724'-11,728', 2SPF (.38") Total 8 Holes.
11,516'-11,670', 2SPF (.38") Total 32 Holes.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,817'-11,951'	Frac w/63K gals 70Q CO2 & 70K # 20/40 sd
11,724'-11,728'	Natural
11,516'-11,670'	Frac w/63K gals 70Q CO2 & 60K # 20/40 sd

28 **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
11/15/2004	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/01/2004	24	18/64"		0	4,000	20	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
1,500psi	PKR		0	4,000	20	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By

30. List Attachments
Deviation Report; Directional Survey; Logs; Amended C-102 Plats, C-103 Summary of Completion Sundry; Wellbore Schematic

31. *I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief*

Signature Alan W. Bohling Printed Name Alan W. Bohling Title Regulatory Agent Date 12/02/2004

E-mail Address abohling@pureresources.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn "B"
T. Salt	T. Strawn 10,440'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 10,670'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T.Tubb	T. Delaware Sand	T.Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T. Morrow 11,395'	T. Wingate	T.
T. Wolfcamp 8,952'	T. Cherry Canyon 2,711'	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

LOCATION DOUGLAS COM #2

SEC 7, T22S, R27E EDDY COUNTY, NEW MEXICO

LEASE & WELL (Give Unit, Section, Township and Range)

OPERATOR PURE RESOURCES 500 W ILLINOIS AVE

MIDLAND, TEXAS 79701

DRILLING CONTRACTOR NABORS DRILLING USA, LP

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:

DEGREES @ DEPTH		DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
1/2	121			
1/4	245			
1/2	429			
1 1/4	925			
1 1/2	1425			
1 1/4	1903			
3/4	2401			
3	2901			
3	2994			
3/4	3085			
1/4	3198			
3/4	3674			
1/2	4174			
1/4	4674			

Drilling Contractor Nabors Drilling USA, LP

By

Troy Blair - District Drilling Superintendent

Subscribed and sworn to before me this 10 day of November, 2004

Donna McWhorter

Notary Public

DONNA WESTBROOK
Notary Public
State of Texas
My Comm. Exp. 12-29-2004

My Commission Expires MIDLAND County TEXAS

District I
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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	2 Pool Code	3 Pool Name
30-015-33501	73960	Carlsbad; Morrow, South (Pro Gas)

4 Property Code	5 Property Name	6 Well Number
4881	Douglas Com	2

7 OGRID No.	8 Operator Name	9 Elevation
9812	HEC Petroleum, Inc.	3,098' GR

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
H	7	22S	27E		2,350	North	190	East	EDDY

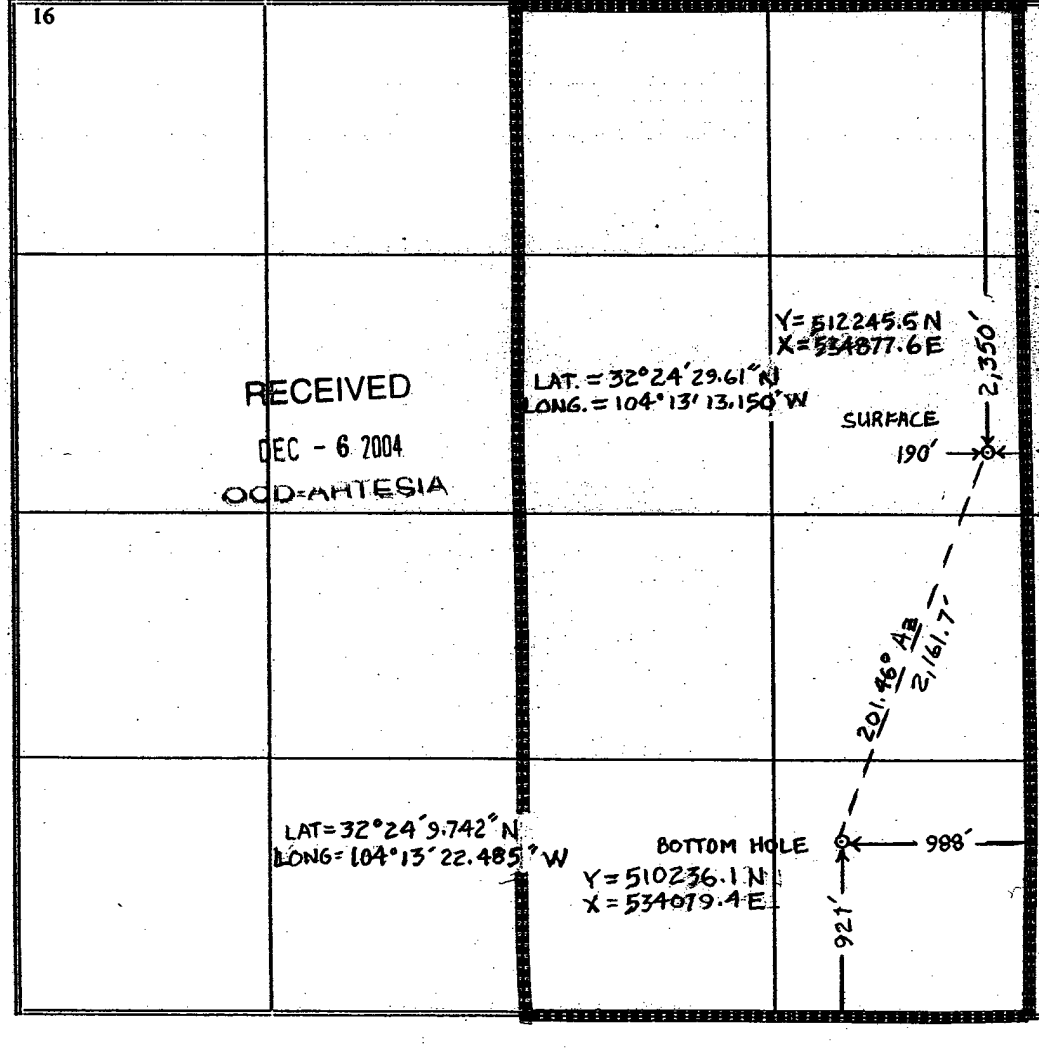
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	22S	27E		921	South	988	East	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

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



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DEC - 6 2004
OCD-ARTESIA

17 OPERATOR CERTIFICATION

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

Alan W. Bohling
Signature

Alan W. Bohling
Printed Name

Regulatory Agent
abohling@pureresources.com
Title and E-mail Address

12/02/2004
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

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
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☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
30-015-33501	73960	Carlsbad; Morrow, South (Pro Gas)

⁴ Property Code	⁵ Property Name	⁶ Well Number
4881	Douglas Com	2

⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
9812	HEC Petroleum, Inc.	3,098' GR

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
H	7	22S	27E		2,350	North	190	East	EDDY

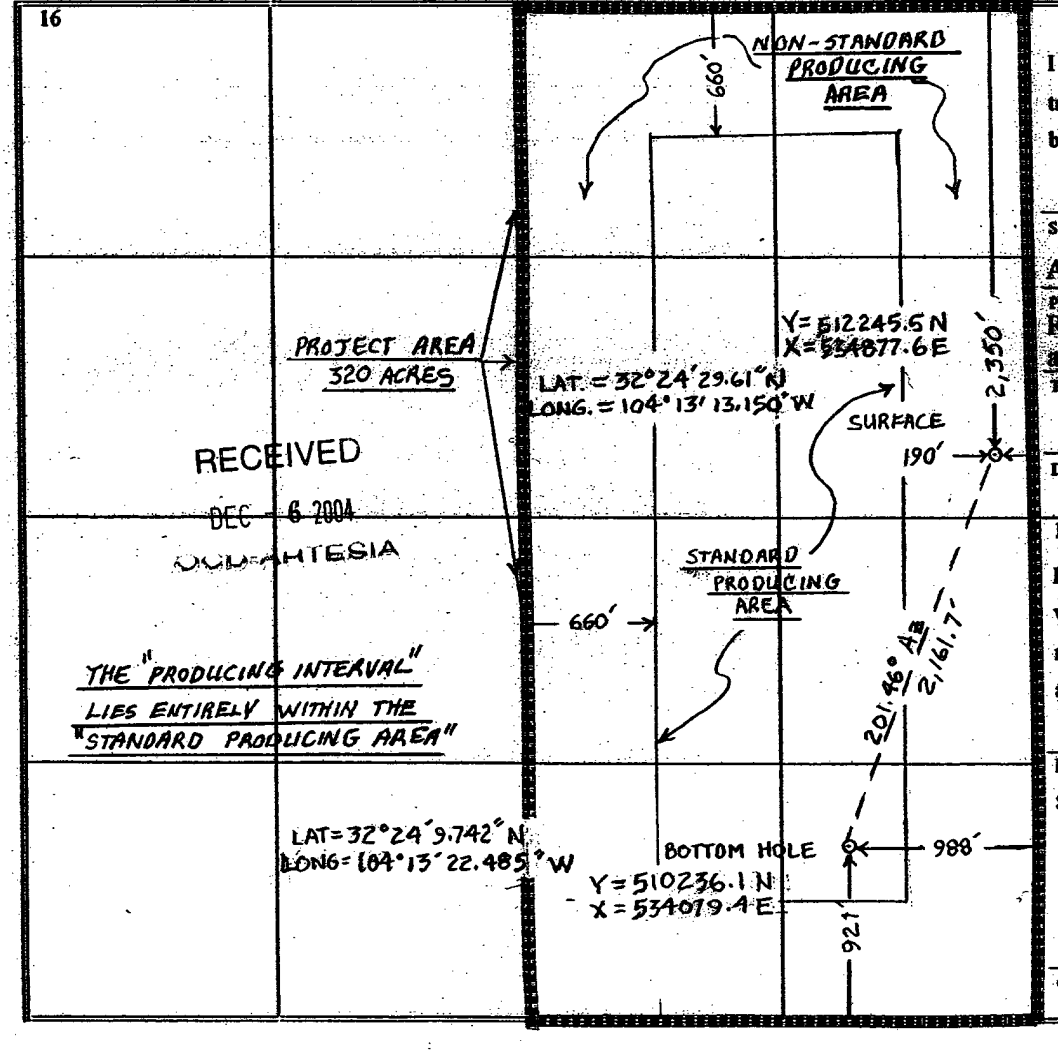
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	22S	27E		921	South	988	East	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320			

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.

Alan W Bohling
Signature

Alan W. Bohling
Printed Name

Regulatory Agent
abohling@pureresources.com
Title and E-mail Address

12/02/2004
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

Survey Certification

State of New Mexico

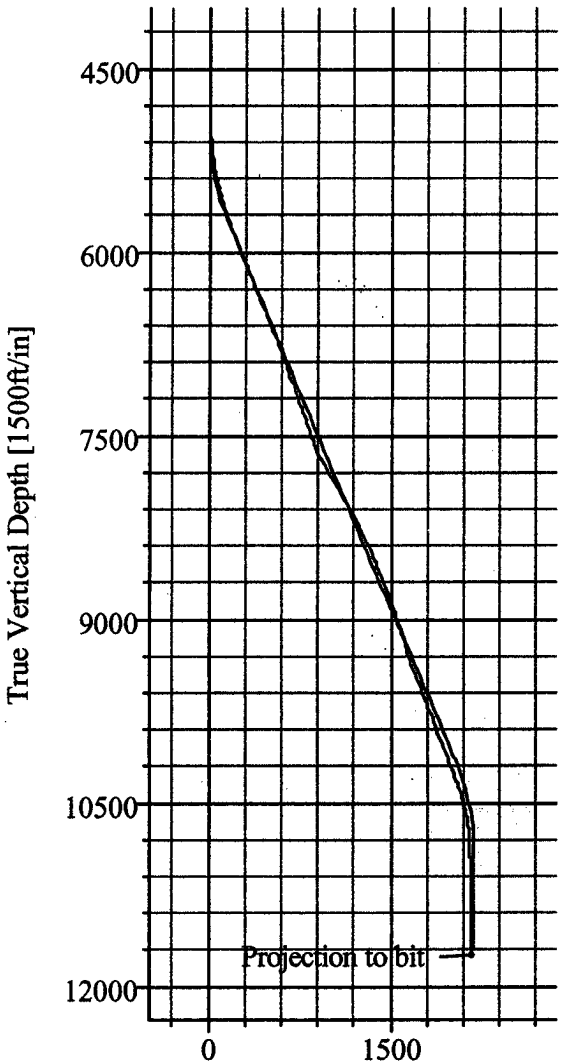
County of Lea,

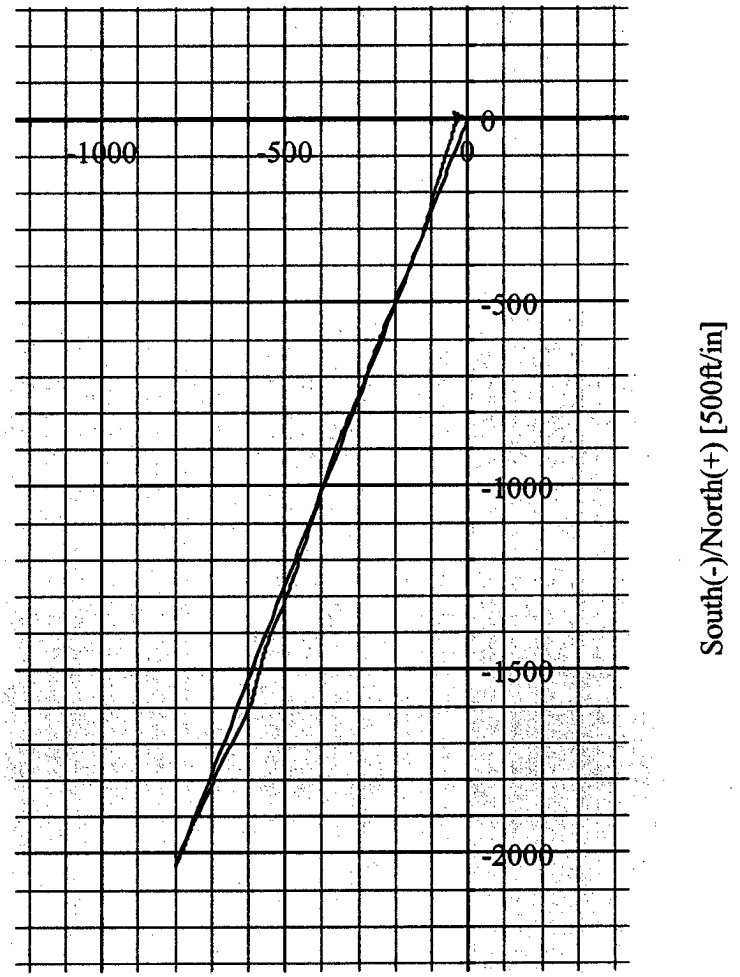
I, Ricky Neagle certify that; I am employed by Weatherford Directional Services, Inc. That I did on the day(s) of August 18th ,2004 through September 29th ,2004 conduct or supervise the taking of MWD Survey's from a depth of 4948' to a depth of 12097'. I furthermore state that the data is true, correct, complete and within the limitations of the tool as set forth by Weatherford Directional Services, Inc. I am authorized and qualified to make this report, That these surveys were conducted at the request of Pure Resources, on the Douglas Com #2, in Eddy County, NM. I have reviewed this report and find that it conforms to the principles and the procedures as set forth by Weatherford Directional Services, Inc.

Ricky Neagle – Survey Supervisor

Weatherford
DIRECTIONAL SERVICES

PURE RESOURCES
Douglas Com #2
Eddy County, NM.
Final Survey





LEGEND
Douglas Com #2,1,Plan #1
1
Survey #1

Company: Pure Resources		**Date:** 10/5/2004 **Time:** 11:37:49	**Page:** 1
Field: Carlsbad South Field		**Co-ordinate(NE) Reference:** Well: Douglas Com #2, Grid North	
Site: Douglas Com		**Vertical (TVD) Reference:** SITE 0.0	
Well: Douglas Com #2		**Section (VS) Reference:** User (0.00N,0.00E,201.46Azi)	
Wellpath: 1		**Survey Calculation Method:** Minimum Curvature	**Db:** Sybase

Field: Carlsbad South Field

Eddy County, NM

Map System: US State Plane Coordinate System 1927 **Map Zone:** New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866) **Coordinate System:** Well Centre
Sys Datum: Mean Sea Level **Geomagnetic Model:** igrf2000

Site: Douglas Com
Sec 7, T22S, R27E
Eddy County, NM

Site Position: **Northing:** 512245.50 ft **Latitude:** 32 24 29.615 N
From: Map **Easting:** 534877.60 ft **Longitude:** 104 13 13.150 W
Position Uncertainty: 0.00 ft **North Reference:** Grid
Ground Level: 0.00 ft **Grid Convergence:** 0.06 deg

Well: Douglas Com #2 **Slot Name:**

Well Position: +N/-S 0.00 ft **Northing:** 512245.50 ft **Latitude:** 32 24 29.615 N
+E/-W 0.00 ft **Easting :** 534877.60 ft **Longitude:** 104 13 13.150 W
Position Uncertainty: 0.00 ft

Wellpath: 1 **Drilled From:** Surface
Tie-on Depth: 0.00 ft
Current Datum: SITE **Height** 0.00 ft **Above System Datum:** Mean Sea Level
Magnetic Data: 4/6/2004 **Declination:** 8.92 deg
Field Strength: 49536 nT **Mag Dip Angle:** 60.49 deg

Vertical Section: Depth From (TVD) ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	201.46

Survey: Survey #1 **Start Date:** 8/20/2004

Company: Weatherford International, Inc **Engineer:** Ybes Ortez
Tool: **Tied-to:** User Defined

Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg	Min	Sec		<--- Longitude ---> Deg	Min	Sec	
0.00	0.00	0.06	0.00	0.00	0.00	512245.50	534877.60	32	24	29.615	N	104	13	13.150	W
100.00	0.40	279.85	100.00	0.06	-0.34	512245.56	534877.26	32	24	29.615	N	104	13	13.154	W
200.00	0.49	252.45	200.00	-0.01	-1.10	512245.49	534876.50	32	24	29.614	N	104	13	13.163	W
300.00	0.22	256.80	299.99	-0.18	-1.69	512245.32	534875.91	32	24	29.613	N	104	13	13.170	W
400.00	0.34	288.07	399.99	-0.13	-2.16	512245.37	534875.44	32	24	29.613	N	104	13	13.175	W
500.00	0.34	291.32	499.99	0.07	-2.72	512245.57	534874.88	32	24	29.615	N	104	13	13.182	W
600.00	0.79	290.16	599.99	0.41	-3.64	512245.91	534873.96	32	24	29.619	N	104	13	13.193	W
700.00	0.98	288.55	699.97	0.92	-5.10	512246.42	534872.50	32	24	29.624	N	104	13	13.210	W
800.00	1.28	295.63	799.95	1.68	-6.92	512247.18	534870.68	32	24	29.631	N	104	13	13.231	W
900.00	1.62	292.76	899.92	2.71	-9.23	512248.21	534868.37	32	24	29.641	N	104	13	13.258	W
1000.00	1.84	297.86	999.88	4.00	-11.95	512249.50	534865.65	32	24	29.654	N	104	13	13.289	W
1100.00	2.20	287.02	1099.82	5.32	-15.20	512250.82	534862.40	32	24	29.667	N	104	13	13.327	W
1200.00	2.21	287.08	1199.74	6.44	-18.88	512251.94	534858.72	32	24	29.678	N	104	13	13.370	W
1300.00	2.26	289.05	1299.66	7.65	-22.59	512253.15	534855.01	32	24	29.691	N	104	13	13.414	W
1400.00	2.22	293.84	1399.59	9.08	-26.23	512254.58	534851.37	32	24	29.705	N	104	13	13.456	W
1500.00	1.66	296.46	1499.53	10.51	-29.29	512256.01	534848.31	32	24	29.719	N	104	13	13.492	W
1600.00	1.33	307.10	1599.50	11.85	-31.52	512257.35	534846.08	32	24	29.732	N	104	13	13.518	W
1700.00	1.20	301.20	1699.47	13.10	-33.34	512258.60	534844.26	32	24	29.744	N	104	13	13.539	W
1800.00	1.14	303.60	1799.45	14.19	-35.06	512259.69	534842.54	32	24	29.755	N	104	13	13.559	W
1900.00	1.12	301.12	1899.43	15.24	-36.73	512260.74	534840.87	32	24	29.766	N	104	13	13.578	W
2000.00	0.84	296.86	1999.42	16.08	-38.22	512261.58	534839.38	32	24	29.774	N	104	13	13.596	W
2100.00	0.53	304.25	2099.41	16.67	-39.25	512262.17	534838.35	32	24	29.780	N	104	13	13.608	W
2200.00	0.27	324.95	2199.41	17.13	-39.77	512262.63	534837.83	32	24	29.784	N	104	13	13.614	W

Company:	Pure Resources					**Date:**	10/5/2004	**Time:**	11:37:49		**Page:**	2		
Field:	Carlsbad South Field					**Co-ordinate(NE) Reference:**	Well: Douglas Com #2, Grid North							
Site:	Douglas Com					**Vertical (TVD) Reference:**	SITE 0.0							
Well:	Douglas Com #2					**Section (VS) Reference:**	User (0.00N,0.00E,201.46Azi)							
Wellpath:	1					**Survey Calculation Method:**	Minimum Curvature				**Db:**	Sybase		

Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg	Min	Sec		<--- Longitude ---> Deg	Min	Sec	
2300.00	0.56	156.01	2299.41	16.87	-39.71	512262.37	534837.89	32	24	29.782	N	104	13	13.613	W
2400.00	0.79	153.71	2399.40	15.81	-39.20	512261.31	534838.40	32	24	29.771	N	104	13	13.607	W
2500.00	1.10	145.37	2499.39	14.40	-38.35	512259.90	534839.25	32	24	29.757	N	104	13	13.597	W
2600.00	0.88	124.07	2599.37	13.18	-37.17	512258.68	534840.43	32	24	29.745	N	104	13	13.584	W
2700.00	0.74	122.97	2699.36	12.40	-35.99	512257.90	534841.61	32	24	29.738	N	104	13	13.570	W
2800.00	0.59	146.34	2799.35	11.62	-35.17	512257.12	534842.43	32	24	29.730	N	104	13	13.560	W
2900.00	0.51	148.68	2899.35	10.81	-34.65	512256.31	534842.95	32	24	29.722	N	104	13	13.554	W
3000.00	0.74	138.61	2999.34	9.94	-33.99	512255.44	534843.61	32	24	29.713	N	104	13	13.547	W
3100.00	0.64	130.99	3099.34	9.09	-33.14	512254.59	534844.46	32	24	29.705	N	104	13	13.537	W
3200.00	0.54	114.22	3199.33	8.53	-32.29	512254.03	534845.31	32	24	29.699	N	104	13	13.527	W
3300.00	0.48	137.01	3299.33	8.03	-31.58	512253.53	534846.02	32	24	29.694	N	104	13	13.518	W
3400.00	0.50	133.95	3399.32	7.42	-30.98	512252.92	534846.62	32	24	29.688	N	104	13	13.511	W
3500.00	0.73	123.95	3499.32	6.77	-30.13	512252.27	534847.47	32	24	29.682	N	104	13	13.502	W
3600.00	0.80	123.72	3599.31	6.02	-29.02	512251.52	534848.58	32	24	29.674	N	104	13	13.489	W
3700.00	0.77	130.19	3699.30	5.20	-27.93	512250.70	534849.67	32	24	29.666	N	104	13	13.476	W
3800.00	0.76	163.90	3799.29	4.13	-27.23	512249.63	534850.37	32	24	29.656	N	104	13	13.468	W
3900.00	0.72	168.33	3899.28	2.88	-26.92	512248.38	534850.68	32	24	29.643	N	104	13	13.464	W
4000.00	0.60	184.94	3999.28	1.74	-26.84	512247.24	534850.76	32	24	29.632	N	104	13	13.463	W
4100.00	0.50	172.25	4099.27	0.79	-26.83	512246.29	534850.77	32	24	29.623	N	104	13	13.463	W
4200.00	0.46	201.41	4199.27	-0.02	-26.91	512245.48	534850.69	32	24	29.615	N	104	13	13.464	W
4300.00	0.52	175.89	4299.27	-0.84	-27.03	512244.66	534850.57	32	24	29.606	N	104	13	13.465	W
4400.00	0.38	182.49	4399.26	-1.63	-27.01	512243.87	534850.59	32	24	29.599	N	104	13	13.465	W
4500.00	0.39	185.96	4499.26	-2.30	-27.06	512243.20	534850.54	32	24	29.592	N	104	13	13.466	W
4600.00	0.27	185.34	4599.26	-2.87	-27.12	512242.63	534850.48	32	24	29.586	N	104	13	13.466	W
4700.00	0.14	180.47	4699.26	-3.23	-27.14	512242.27	534850.46	32	24	29.583	N	104	13	13.467	W
4800.00	0.33	206.21	4799.26	-3.61	-27.27	512241.89	534850.33	32	24	29.579	N	104	13	13.468	W
4900.00	0.20	220.39	4899.26	-4.00	-27.51	512241.50	534850.09	32	24	29.575	N	104	13	13.471	W
4948.00	0.18	222.80	4947.26	-4.12	-27.61	512241.38	534849.99	32	24	29.574	N	104	13	13.472	W
4990.00	0.30	222.60	4989.25	-4.25	-27.73	512241.25	534849.87	32	24	29.573	N	104	13	13.474	W
5021.00	1.20	211.30	5020.25	-4.59	-27.96	512240.91	534849.64	32	24	29.569	N	104	13	13.476	W
5052.00	2.60	208.80	5051.23	-5.48	-28.46	512240.02	534849.14	32	24	29.561	N	104	13	13.482	W
5082.00	3.60	210.30	5081.19	-6.89	-29.27	512238.61	534848.33	32	24	29.547	N	104	13	13.492	W
5113.00	4.30	210.50	5112.12	-8.73	-30.35	512236.77	534847.25	32	24	29.528	N	104	13	13.504	W
5144.00	5.10	207.00	5143.01	-10.96	-31.56	512234.54	534846.04	32	24	29.506	N	104	13	13.518	W
5175.00	5.80	204.20	5173.87	-13.62	-32.83	512231.88	534844.77	32	24	29.480	N	104	13	13.533	W
5206.00	6.60	202.20	5204.69	-16.69	-34.15	512228.81	534843.45	32	24	29.450	N	104	13	13.549	W
5237.00	7.60	198.60	5235.45	-20.29	-35.47	512225.21	534842.13	32	24	29.414	N	104	13	13.564	W
5268.00	8.50	196.10	5266.15	-24.43	-36.76	512221.07	534840.84	32	24	29.373	N	104	13	13.579	W
5300.00	9.90	194.10	5297.73	-29.37	-38.09	512216.13	534839.51	32	24	29.324	N	104	13	13.595	W
5330.00	10.50	192.70	5327.26	-34.54	-39.32	512210.96	534838.28	32	24	29.273	N	104	13	13.609	W
5361.00	11.30	193.90	5357.70	-40.24	-40.67	512205.26	534836.93	32	24	29.217	N	104	13	13.625	W
5393.00	12.00	195.30	5389.04	-46.50	-42.30	512199.00	534835.30	32	24	29.155	N	104	13	13.644	W
5425.00	12.30	197.70	5420.32	-52.95	-44.21	512192.55	534833.39	32	24	29.091	N	104	13	13.667	W
5456.00	13.00	198.00	5450.57	-59.41	-46.30	512186.09	534831.30	32	24	29.027	N	104	13	13.691	W
5487.00	14.00	198.30	5480.71	-66.29	-48.55	512179.21	534829.05	32	24	28.959	N	104	13	13.717	W
5519.00	15.00	198.10	5511.69	-73.90	-51.05	512171.60	534826.55	32	24	28.884	N	104	13	13.747	W
5551.00	15.70	198.30	5542.55	-81.95	-53.70	512163.55	534823.90	32	24	28.804	N	104	13	13.778	W
5581.00	16.10	198.70	5571.41	-89.74	-56.31	512155.76	534821.29	32	24	28.727	N	104	13	13.808	W
5612.00	16.80	198.00	5601.14	-98.07	-59.07	512147.43	534818.53	32	24	28.645	N	104	13	13.840	W
5643.00	17.50	197.60	5630.76	-106.78	-61.86	512138.72	534815.74	32	24	28.559	N	104	13	13.873	W
5673.00	18.40	196.60	5659.30	-115.61	-64.58	512129.89	534813.02	32	24	28.471	N	104	13	13.905	W
5704.00	18.80	196.90	5688.68	-125.08	-67.43	512120.42	534810.17	32	24	28.377	N	104	13	13.938	W

Company: Pure Resources						**Date:** 10/5/2004		**Time:** 11:37:49			**Page:** 3			
Field: Carlsbad South Field						**Co-ordinate(NE) Reference:** Well: Douglas Com #2, Grid North								
Site: Douglas Com						**Vertical (TVD) Reference:** SITE 0.0								
Well: Douglas Com #2						**Section (VS) Reference:** User (0.00N,0.00E,201.46Azi)								
Wellpath: 1						**Survey Calculation Method:** Minimum Curvature					**Db:** Sybase			

Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg	Min	Sec		<--- Longitude ---> Deg	Min	Sec	
5735.00	19.70	197.20	5717.94	-134.85	-70.43	512110.65	534807.17	32	24	28.281	N	104	13	13.973	W
5766.00	20.60	196.50	5747.05	-145.07	-73.52	512100.43	534804.08	32	24	28.180	N	104	13	14.010	W
5798.00	21.40	196.60	5776.92	-156.07	-76.79	512089.43	534800.81	32	24	28.071	N	104	13	14.048	W
5829.00	22.20	197.10	5805.70	-167.08	-80.13	512078.42	534797.47	32	24	27.962	N	104	13	14.087	W
5861.00	22.40	197.20	5835.31	-178.69	-83.71	512066.81	534793.89	32	24	27.847	N	104	13	14.129	W
5893.00	22.30	196.90	5864.91	-190.32	-87.27	512055.18	534790.33	32	24	27.732	N	104	13	14.171	W
5924.00	21.10	195.40	5893.71	-201.33	-90.47	512044.17	534787.13	32	24	27.623	N	104	13	14.208	W
5953.00	20.90	193.70	5920.78	-211.39	-93.08	512034.11	534784.52	32	24	27.524	N	104	13	14.238	W
5985.00	21.30	194.00	5950.64	-222.57	-95.83	512022.93	534781.77	32	24	27.413	N	104	13	14.271	W
6016.00	22.50	195.50	5979.40	-233.75	-98.78	512011.75	534778.82	32	24	27.302	N	104	13	14.305	W
6047.00	22.70	194.80	6008.02	-245.25	-101.90	512000.25	534775.70	32	24	27.189	N	104	13	14.342	W
6079.00	22.70	195.50	6037.54	-257.17	-105.12	511988.33	534772.48	32	24	27.071	N	104	13	14.380	W
6110.00	22.60	196.10	6066.15	-268.66	-108.37	511976.84	534769.23	32	24	26.957	N	104	13	14.418	W
6142.00	22.70	197.90	6095.68	-280.44	-111.98	511965.06	534765.62	32	24	26.840	N	104	13	14.460	W
6173.00	22.70	199.40	6124.28	-291.77	-115.80	511953.73	534761.80	32	24	26.728	N	104	13	14.505	W
6203.00	22.00	199.40	6152.03	-302.53	-119.59	511942.97	534758.01	32	24	26.622	N	104	13	14.549	W
6235.00	21.30	199.00	6181.77	-313.68	-123.47	511931.82	534754.13	32	24	26.512	N	104	13	14.594	W
6266.00	21.40	199.20	6210.64	-324.35	-127.17	511921.15	534750.43	32	24	26.406	N	104	13	14.638	W
6297.00	22.50	200.20	6239.40	-335.26	-131.07	511910.24	534746.53	32	24	26.298	N	104	13	14.683	W
6328.00	23.30	202.30	6267.95	-346.50	-135.45	511899.00	534742.15	32	24	26.187	N	104	13	14.734	W
6360.00	23.60	203.20	6297.31	-358.24	-140.37	511887.26	534737.23	32	24	26.071	N	104	13	14.792	W
6390.00	23.60	203.40	6324.80	-369.27	-145.12	511876.23	534732.48	32	24	25.962	N	104	13	14.848	W
6421.00	22.70	203.50	6353.30	-380.45	-149.97	511865.05	534727.63	32	24	25.851	N	104	13	14.904	W
6453.00	22.10	203.70	6382.89	-391.62	-154.86	511853.88	534722.74	32	24	25.741	N	104	13	14.961	W
6484.00	22.10	203.40	6411.61	-402.32	-159.52	511843.18	534718.08	32	24	25.635	N	104	13	15.016	W
6515.00	22.80	203.20	6440.26	-413.19	-164.20	511832.31	534713.40	32	24	25.527	N	104	13	15.071	W
6546.00	23.10	203.40	6468.81	-424.29	-168.98	511821.21	534708.62	32	24	25.417	N	104	13	15.126	W
6577.00	23.10	202.90	6497.32	-435.47	-173.76	511810.03	534703.84	32	24	25.307	N	104	13	15.182	W
6609.00	23.30	203.30	6526.74	-447.07	-178.71	511798.43	534698.89	32	24	25.192	N	104	13	15.240	W
6639.00	21.60	203.10	6554.46	-457.60	-183.22	511787.90	534694.38	32	24	25.088	N	104	13	15.293	W
6670.00	21.80	202.50	6583.26	-468.16	-187.66	511777.34	534689.94	32	24	24.984	N	104	13	15.345	W
6701.00	22.60	201.70	6611.97	-479.02	-192.07	511766.48	534685.53	32	24	24.876	N	104	13	15.396	W
6733.00	22.90	202.30	6641.48	-490.49	-196.70	511755.01	534680.90	32	24	24.763	N	104	13	15.451	W
6763.00	22.90	202.80	6669.11	-501.27	-201.18	511744.23	534676.42	32	24	24.656	N	104	13	15.503	W
6794.00	23.10	202.60	6697.65	-512.45	-205.85	511733.05	534671.75	32	24	24.545	N	104	13	15.558	W
6826.00	22.70	202.90	6727.13	-523.93	-210.67	511721.57	534666.93	32	24	24.432	N	104	13	15.614	W
6857.00	22.10	202.30	6755.79	-534.83	-215.21	511710.67	534662.39	32	24	24.324	N	104	13	15.667	W
6889.00	21.30	202.50	6785.52	-545.77	-219.72	511699.73	534657.88	32	24	24.216	N	104	13	15.720	W
6921.00	20.20	202.20	6815.44	-556.26	-224.03	511689.24	534653.57	32	24	24.112	N	104	13	15.770	W
6951.00	19.90	202.50	6843.62	-565.77	-227.94	511679.73	534649.66	32	24	24.018	N	104	13	15.816	W
6981.00	19.30	203.10	6871.89	-575.05	-231.84	511670.45	534645.76	32	24	23.926	N	104	13	15.862	W
7012.00	19.50	202.40	6901.13	-584.54	-235.82	511660.96	534641.78	32	24	23.832	N	104	13	15.908	W
7043.00	19.70	200.70	6930.33	-594.22	-239.64	511651.28	534637.96	32	24	23.737	N	104	13	15.953	W
7073.00	19.40	200.70	6958.60	-603.61	-243.19	511641.89	534634.41	32	24	23.644	N	104	13	15.994	W
7105.00	19.60	201.60	6988.76	-613.57	-247.04	511631.93	534630.56	32	24	23.545	N	104	13	16.039	W
7136.00	19.50	201.00	7017.98	-623.23	-250.81	511622.27	534626.79	32	24	23.450	N	104	13	16.083	W
7167.00	20.10	201.40	7047.14	-633.02	-254.61	511612.48	534622.99	32	24	23.353	N	104	13	16.128	W
7198.00	19.90	201.80	7076.27	-642.88	-258.51	511602.62	534619.09	32	24	23.255	N	104	13	16.174	W
7229.00	20.40	201.70	7105.38	-652.80	-262.47	511592.70	534615.13	32	24	23.157	N	104	13	16.220	W
7259.00	21.10	200.60	7133.43	-662.71	-266.30	511582.79	534611.30	32	24	23.059	N	104	13	16.265	W
7290.00	21.40	200.20	7162.32	-673.24	-270.22	511572.26	534607.38	32	24	22.955	N	104	13	16.310	W
7322.00	21.00	199.70	7192.16	-684.12	-274.17	511561.38	534603.43	32	24	22.847	N	104	13	16.357	W
7353.00	20.70	199.00	7221.13	-694.53	-277.82	511550.97	534599.78	32	24	22.744	N	104	13	16.399	W

Company: Pure Resources						**Date:** 10/5/2004		**Time:** 11:37:49			**Page:**	4	
Field: Carlsbad South Field						**Co-ordinate(NE) Reference:** Well: Douglas Com #2, Grid North							
Site: Douglas Com						**Vertical (TVD) Reference:** SITE 0.0							
Well: Douglas Com #2						**Section (VS) Reference:** User (0.00N,0.00E,201.46Azi)							
Wellpath: 1						**Survey Calculation Method:** Minimum Curvature					**Db:** Sybase		

Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg	Min	Sec	<--- Longitude ---> Deg	Min	Sec
7384.00	20.00	199.60	7250.19	-704.71	-281.39	511540.79	534596.21	32	24	22.644 N	104	13	16.441 W
7416.00	19.70	199.70	7280.29	-714.94	-285.04	511530.56	534592.56	32	24	22.542 N	104	13	16.484 W
7448.00	19.80	199.90	7310.41	-725.11	-288.70	511520.39	534588.90	32	24	22.442 N	104	13	16.527 W
7480.00	19.50	200.50	7340.55	-735.21	-292.42	511510.29	534585.18	32	24	22.342 N	104	13	16.570 W
7512.00	19.30	200.40	7370.73	-745.17	-296.13	511500.33	534581.47	32	24	22.243 N	104	13	16.614 W
7543.00	19.20	201.10	7400.00	-754.73	-299.75	511490.77	534577.85	32	24	22.149 N	104	13	16.656 W
7575.00	19.00	202.00	7430.23	-764.47	-303.60	511481.03	534574.00	32	24	22.052 N	104	13	16.701 W
7607.00	18.50	202.10	7460.54	-774.00	-307.46	511471.50	534570.14	32	24	21.958 N	104	13	16.746 W
7638.00	18.00	204.10	7489.98	-782.93	-311.27	511462.57	534566.33	32	24	21.870 N	104	13	16.791 W
7669.00	17.70	205.90	7519.48	-791.54	-315.28	511453.96	534562.32	32	24	21.785 N	104	13	16.838 W
7696.00	18.00	206.20	7545.18	-798.98	-318.91	511446.52	534558.69	32	24	21.711 N	104	13	16.880 W
7728.00	18.00	207.50	7575.62	-807.80	-323.38	511437.70	534554.22	32	24	21.624 N	104	13	16.932 W
7759.00	21.80	206.80	7604.76	-817.19	-328.19	511428.31	534549.41	32	24	21.531 N	104	13	16.988 W
7806.00	31.90	203.30	7646.64	-836.44	-337.06	511409.06	534540.54	32	24	21.341 N	104	13	17.092 W
7837.00	31.60	201.60	7673.01	-851.51	-343.29	511393.99	534534.31	32	24	21.192 N	104	13	17.165 W
7869.00	31.90	201.60	7700.22	-867.17	-349.49	511378.33	534528.11	32	24	21.037 N	104	13	17.238 W
7926.00	31.80	201.70	7748.63	-895.12	-360.59	511350.38	534517.01	32	24	20.760 N	104	13	17.367 W
7958.00	32.10	200.90	7775.79	-910.90	-366.74	511334.60	534510.86	32	24	20.604 N	104	13	17.439 W
7989.00	32.40	200.90	7802.00	-926.35	-372.64	511319.15	534504.96	32	24	20.451 N	104	13	17.508 W
8020.00	31.50	198.90	7828.31	-941.78	-378.22	511303.72	534499.38	32	24	20.299 N	104	13	17.574 W
8051.00	30.50	201.00	7854.88	-956.78	-383.67	511288.72	534493.93	32	24	20.150 N	104	13	17.637 W
8083.00	29.70	197.70	7882.57	-971.92	-388.99	511273.58	534488.61	32	24	20.000 N	104	13	17.700 W
8114.00	29.00	197.20	7909.59	-986.41	-393.54	511259.09	534484.06	32	24	19.857 N	104	13	17.753 W
8145.00	28.10	192.70	7936.82	-1000.71	-397.37	511244.79	534480.23	32	24	19.716 N	104	13	17.798 W
8175.00	29.20	195.40	7963.15	-1014.66	-400.87	511230.84	534476.73	32	24	19.578 N	104	13	17.839 W
8206.00	29.70	196.00	7990.14	-1029.34	-404.99	511216.16	534472.61	32	24	19.432 N	104	13	17.887 W
8237.00	30.20	196.30	8017.00	-1044.20	-409.30	511201.30	534468.30	32	24	19.285 N	104	13	17.937 W
8267.00	29.90	197.50	8042.97	-1058.57	-413.66	511186.93	534463.94	32	24	19.143 N	104	13	17.988 W
8298.00	28.60	197.50	8070.02	-1073.02	-418.22	511172.48	534459.38	32	24	19.000 N	104	13	18.042 W
8329.00	28.10	198.50	8097.30	-1087.02	-422.77	511158.48	534454.83	32	24	18.862 N	104	13	18.095 W
8359.00	28.40	198.70	8123.73	-1100.48	-427.30	511145.02	534450.30	32	24	18.729 N	104	13	18.148 W
8390.00	28.00	199.20	8151.05	-1114.33	-432.05	511131.17	534445.55	32	24	18.591 N	104	13	18.204 W
8422.00	26.40	198.70	8179.51	-1128.17	-436.80	511117.33	534440.80	32	24	18.455 N	104	13	18.259 W
8452.00	25.50	198.90	8206.48	-1140.59	-441.04	511104.91	534436.56	32	24	18.332 N	104	13	18.309 W
8483.00	25.10	199.00	8234.51	-1153.12	-445.34	511092.38	534432.26	32	24	18.208 N	104	13	18.359 W
8515.00	25.20	199.20	8263.48	-1165.98	-449.79	511079.52	534427.81	32	24	18.081 N	104	13	18.411 W
8547.00	25.30	198.60	8292.42	-1178.89	-454.21	511066.61	534423.39	32	24	17.953 N	104	13	18.463 W
8579.00	25.30	197.60	8321.35	-1191.89	-458.46	511053.61	534419.14	32	24	17.824 N	104	13	18.513 W
8610.00	25.70	196.80	8349.33	-1204.64	-462.40	511040.86	534415.20	32	24	17.698 N	104	13	18.559 W
8641.00	25.40	197.20	8377.30	-1217.42	-466.31	511028.08	534411.29	32	24	17.572 N	104	13	18.604 W
8672.00	24.80	198.90	8405.37	-1229.92	-470.38	511015.58	534407.22	32	24	17.448 N	104	13	18.652 W
8703.00	24.70	198.90	8433.52	-1242.20	-474.59	511003.30	534403.01	32	24	17.327 N	104	13	18.701 W
8743.00	24.50	200.40	8469.89	-1257.88	-480.19	510987.62	534397.41	32	24	17.171 N	104	13	18.767 W
8765.00	23.30	199.60	8490.01	-1266.26	-483.24	510979.24	534394.36	32	24	17.089 N	104	13	18.803 W
8795.00	22.80	199.90	8517.61	-1277.31	-487.20	510968.19	534390.40	32	24	16.979 N	104	13	18.849 W
8825.00	22.50	200.80	8545.30	-1288.15	-491.22	510957.35	534386.38	32	24	16.872 N	104	13	18.896 W
8855.00	23.00	200.00	8572.96	-1299.02	-495.26	510946.48	534382.34	32	24	16.764 N	104	13	18.943 W
8886.00	23.10	199.50	8601.49	-1310.44	-499.37	510935.06	534378.23	32	24	16.651 N	104	13	18.991 W
8919.00	22.50	202.10	8631.91	-1322.40	-503.90	510923.10	534373.70	32	24	16.533 N	104	13	19.044 W
8949.00	21.90	201.90	8659.69	-1332.91	-508.15	510912.59	534369.45	32	24	16.429 N	104	13	19.094 W
8978.00	21.90	203.00	8686.59	-1342.90	-512.28	510902.60	534365.32	32	24	16.330 N	104	13	19.142 W
9010.00	21.60	203.40	8716.32	-1353.80	-516.95	510891.70	534360.65	32	24	16.223 N	104	13	19.197 W

Company: Pure Resources			**Date:** 10/5/2004	**Time:** 11:37:49	**Page:** 5
Field: Carlsbad South Field			**Co-ordinate(NE) Reference:** Well: Douglas Com #2, Grid North		
Site: Douglas Com			**Vertical (TVD) Reference:** SITE 0.0		
Well: Douglas Com #2			**Section (VS) Reference:** User (0.00N,0.00E,201.46Azi)		
Wellpath: 1			**Survey Calculation Method:** Minimum Curvature		**Db:** Sybase

Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg	Min	Sec		<--- Longitude ---> Deg	Min	Sec	
9123.00	20.20	202.90	8821.88	-1390.86	-532.80	510854.64	534344.80	32	24	15.856	N	104	13	19.382	W
9154.00	19.30	202.40	8851.05	-1400.53	-536.84	510844.97	534340.76	32	24	15.760	N	104	13	19.429	W
9187.00	19.30	201.70	8882.20	-1410.64	-540.93	510834.86	534336.67	32	24	15.660	N	104	13	19.477	W
9219.00	19.60	200.40	8912.37	-1420.58	-544.76	510824.92	534332.84	32	24	15.562	N	104	13	19.522	W
9250.00	19.20	200.60	8941.61	-1430.23	-548.36	510815.27	534329.24	32	24	15.467	N	104	13	19.564	W
9282.00	18.40	199.70	8971.91	-1439.91	-551.92	510805.59	534325.68	32	24	15.371	N	104	13	19.606	W
9314.00	17.10	197.00	9002.38	-1449.16	-555.00	510796.34	534322.60	32	24	15.279	N	104	13	19.642	W
9345.00	17.20	195.10	9032.00	-1457.95	-557.52	510787.55	534320.08	32	24	15.192	N	104	13	19.671	W
9377.00	17.70	193.60	9062.53	-1467.24	-559.90	510778.26	534317.70	32	24	15.100	N	104	13	19.699	W
9409.00	18.50	194.30	9092.95	-1476.89	-562.30	510768.61	534315.30	32	24	15.005	N	104	13	19.727	W
9440.00	18.60	195.30	9122.34	-1486.43	-564.82	510759.07	534312.78	32	24	14.911	N	104	13	19.757	W
9472.00	18.20	196.20	9152.70	-1496.15	-567.56	510749.35	534310.04	32	24	14.814	N	104	13	19.789	W
9505.00	17.60	196.90	9184.10	-1505.87	-570.45	510739.63	534307.15	32	24	14.718	N	104	13	19.823	W
9537.00	17.80	196.00	9214.59	-1515.20	-573.20	510730.30	534304.40	32	24	14.626	N	104	13	19.855	W
9568.00	18.20	195.40	9244.07	-1524.42	-575.79	510721.08	534301.81	32	24	14.535	N	104	13	19.885	W
9600.00	19.00	195.10	9274.40	-1534.27	-578.48	510711.23	534299.12	32	24	14.437	N	104	13	19.917	W
9631.00	19.50	194.20	9303.67	-1544.16	-581.06	510701.34	534296.54	32	24	14.339	N	104	13	19.947	W
9663.00	19.80	193.00	9333.80	-1554.62	-583.59	510690.88	534294.01	32	24	14.236	N	104	13	19.977	W
9695.00	20.00	193.30	9363.89	-1565.22	-586.07	510680.28	534291.53	32	24	14.131	N	104	13	20.006	W
9727.00	20.60	194.80	9393.91	-1575.99	-588.76	510669.51	534288.84	32	24	14.025	N	104	13	20.037	W
9759.00	21.40	197.40	9423.78	-1587.01	-591.95	510658.49	534285.65	32	24	13.916	N	104	13	20.074	W
9792.00	21.50	199.80	9454.50	-1598.44	-595.80	510647.06	534281.80	32	24	13.802	N	104	13	20.120	W
9824.00	22.20	202.60	9484.20	-1609.54	-600.11	510635.96	534277.49	32	24	13.693	N	104	13	20.170	W
9856.00	22.80	204.40	9513.76	-1620.77	-604.99	510624.73	534272.61	32	24	13.582	N	104	13	20.227	W
9888.00	22.70	203.10	9543.27	-1632.09	-609.98	510613.41	534267.62	32	24	13.470	N	104	13	20.285	W
9919.00	21.90	205.00	9571.95	-1642.84	-614.77	510602.66	534262.83	32	24	13.363	N	104	13	20.341	W
9951.00	21.10	204.90	9601.73	-1653.47	-619.71	510592.03	534257.89	32	24	13.258	N	104	13	20.399	W
9982.00	21.50	206.30	9630.61	-1663.62	-624.58	510581.88	534253.02	32	24	13.158	N	104	13	20.456	W
10015.00	21.70	207.80	9661.29	-1674.44	-630.10	510571.06	534247.50	32	24	13.051	N	104	13	20.521	W
10046.00	20.80	209.10	9690.18	-1684.32	-635.45	510561.18	534242.15	32	24	12.953	N	104	13	20.583	W
10078.00	20.00	209.70	9720.18	-1694.04	-640.93	510551.46	534236.67	32	24	12.857	N	104	13	20.647	W
10110.00	20.40	208.70	9750.21	-1703.68	-646.32	510541.82	534231.28	32	24	12.761	N	104	13	20.710	W
10141.00	20.60	207.50	9779.25	-1713.26	-651.43	510532.24	534226.17	32	24	12.667	N	104	13	20.770	W
10173.00	20.80	206.20	9809.18	-1723.35	-656.54	510522.15	534221.06	32	24	12.567	N	104	13	20.830	W
10206.00	21.00	206.30	9840.01	-1733.91	-661.75	510511.59	534215.85	32	24	12.462	N	104	13	20.890	W
10237.00	21.40	206.70	9868.91	-1743.94	-666.75	510501.56	534210.85	32	24	12.363	N	104	13	20.949	W
10269.00	20.70	207.20	9898.78	-1754.19	-671.96	510491.31	534205.64	32	24	12.262	N	104	13	21.010	W
10300.00	20.10	208.50	9927.83	-1763.74	-677.00	510481.76	534200.60	32	24	12.167	N	104	13	21.069	W
10331.00	20.20	207.80	9956.93	-1773.16	-682.04	510472.34	534195.56	32	24	12.074	N	104	13	21.128	W
10363.00	20.60	206.50	9986.93	-1783.08	-687.13	510462.42	534190.47	32	24	11.976	N	104	13	21.187	W
10395.00	20.90	203.70	10016.85	-1793.35	-691.94	510452.15	534185.66	32	24	11.875	N	104	13	21.243	W
10427.00	21.40	202.00	10046.70	-1803.99	-696.42	510441.51	534181.18	32	24	11.769	N	104	13	21.296	W
10458.00	22.10	201.20	10075.49	-1814.67	-700.64	510430.83	534176.96	32	24	11.664	N	104	13	21.345	W
10491.00	22.60	202.70	10106.01	-1826.31	-705.34	510419.19	534172.26	32	24	11.549	N	104	13	21.400	W
10523.00	21.90	203.90	10135.63	-1837.43	-710.13	510408.07	534167.47	32	24	11.438	N	104	13	21.456	W
10556.00	21.60	204.00	10166.28	-1848.61	-715.09	510396.89	534162.51	32	24	11.328	N	104	13	21.514	W
10587.00	21.80	204.70	10195.08	-1859.05	-719.82	510386.45	534157.78	32	24	11.225	N	104	13	21.569	W
10618.00	22.20	205.50	10223.83	-1869.57	-724.74	510375.93	534152.86	32	24	11.121	N	104	13	21.627	W
10650.00	22.00	206.30	10253.47	-1880.40	-730.00	510365.10	534147.60	32	24	11.014	N	104	13	21.688	W
10683.00	21.50	206.90	10284.12	-1891.33	-735.48	510354.17	534142.12	32	24	10.905	N	104	13	21.752	W
10714.00	20.40	206.90	10313.07	-1901.22	-740.49	510344.28	534137.11	32	24	10.808	N	104	13	21.811	W
10746.00	19.50	206.90	10343.15	-1910.95	-745.43	510334.55	534132.17	32	24	10.711	N	104	13	21.869	W
10778.00	18.60	206.90	10373.40	-1920.27	-750.16	510325.23	534127.44	32	24	10.619	N	104	13	21.924	W

Company:	Pure Resources					**Date:**	10/5/2004	**Time:**	11:37:49		**Page:**	6		
Field:	Carlsbad South Field					**Co-ordinate(NE) Reference:**	Well: Douglas Com #2, Grid North							
Site:	Douglas Com					**Vertical (TVD) Reference:**	SITE 0.0							
Well:	Douglas Com #2					**Section (VS) Reference:**	User (0.00N,0.00E,201.46Azi)							
Wellpath:	1					**Survey Calculation Method:**	Minimum Curvature				**Db:**	Sybase		

Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg	Min	Sec		<--- Longitude ---> Deg	Min	Sec	
10810.00	18.20	206.40	10403.77	-1929.30	-754.69	510316.20	534122.91	32	24	10.530	N	104	13	21.977	W
10841.00	17.50	205.70	10433.27	-1937.83	-758.86	510307.67	534118.74	32	24	10.445	N	104	13	22.026	W
10873.00	16.20	202.10	10463.90	-1946.30	-762.63	510299.20	534114.97	32	24	10.362	N	104	13	22.070	W
10905.00	15.00	199.90	10494.72	-1954.33	-765.72	510291.17	534111.88	32	24	10.282	N	104	13	22.106	W
10937.00	13.80	199.40	10525.71	-1961.83	-768.39	510283.67	534109.21	32	24	10.208	N	104	13	22.137	W
10968.00	12.90	199.30	10555.88	-1968.58	-770.77	510276.92	534106.83	32	24	10.141	N	104	13	22.165	W
11000.00	12.00	200.10	10587.12	-1975.08	-773.09	510270.42	534104.51	32	24	10.077	N	104	13	22.192	W
11032.00	11.00	200.50	10618.48	-1981.06	-775.30	510264.44	534102.30	32	24	10.018	N	104	13	22.218	W
11064.00	9.40	204.60	10649.97	-1986.30	-777.46	510259.20	534100.14	32	24	9.966	N	104	13	22.243	W
11097.00	7.60	206.40	10682.61	-1990.70	-779.55	510254.80	534098.05	32	24	9.922	N	104	13	22.268	W
11127.00	6.30	204.90	10712.39	-1993.97	-781.13	510251.53	534096.47	32	24	9.890	N	104	13	22.286	W
11159.00	5.30	201.80	10744.23	-1996.94	-782.41	510248.56	534095.19	32	24	9.861	N	104	13	22.301	W
11190.00	4.50	196.20	10775.11	-1999.43	-783.29	510246.07	534094.31	32	24	9.836	N	104	13	22.311	W
11400.00	0.80	216.20	10984.85	-2008.53	-786.45	510236.97	534091.15	32	24	9.746	N	104	13	22.348	W
11590.00	0.70	226.10	11174.84	-2010.41	-788.07	510235.09	534089.53	32	24	9.728	N	104	13	22.367	W
11780.00	0.90	249.80	11364.82	-2011.73	-790.31	510233.77	534087.29	32	24	9.715	N	104	13	22.393	W
11938.00	2.10	291.70	11522.77	-2011.08	-794.16	510234.42	534083.44	32	24	9.721	N	104	13	22.438	W
12097.00	0.80	308.10	11681.71	-2009.32	-797.74	510236.18	534079.86	32	24	9.738	N	104	13	22.480	W
12150.00	0.37	313.57	11734.71	-2008.98	-798.16	510236.52	534079.44	32	24	9.742	N	104	13	22.485	W

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

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

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87501-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
	73960	Carlsbad; Morrow, South (Pro Gas)

Property Code	Property Name	Well Number
	DOUGLAS COM.	2

OGRID No.	Operator Name	Elevation
9812	HEC Petroleum, Inc.	3098'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	7	22-S	27-E		2350	NORTH	190	EAST	EDDY

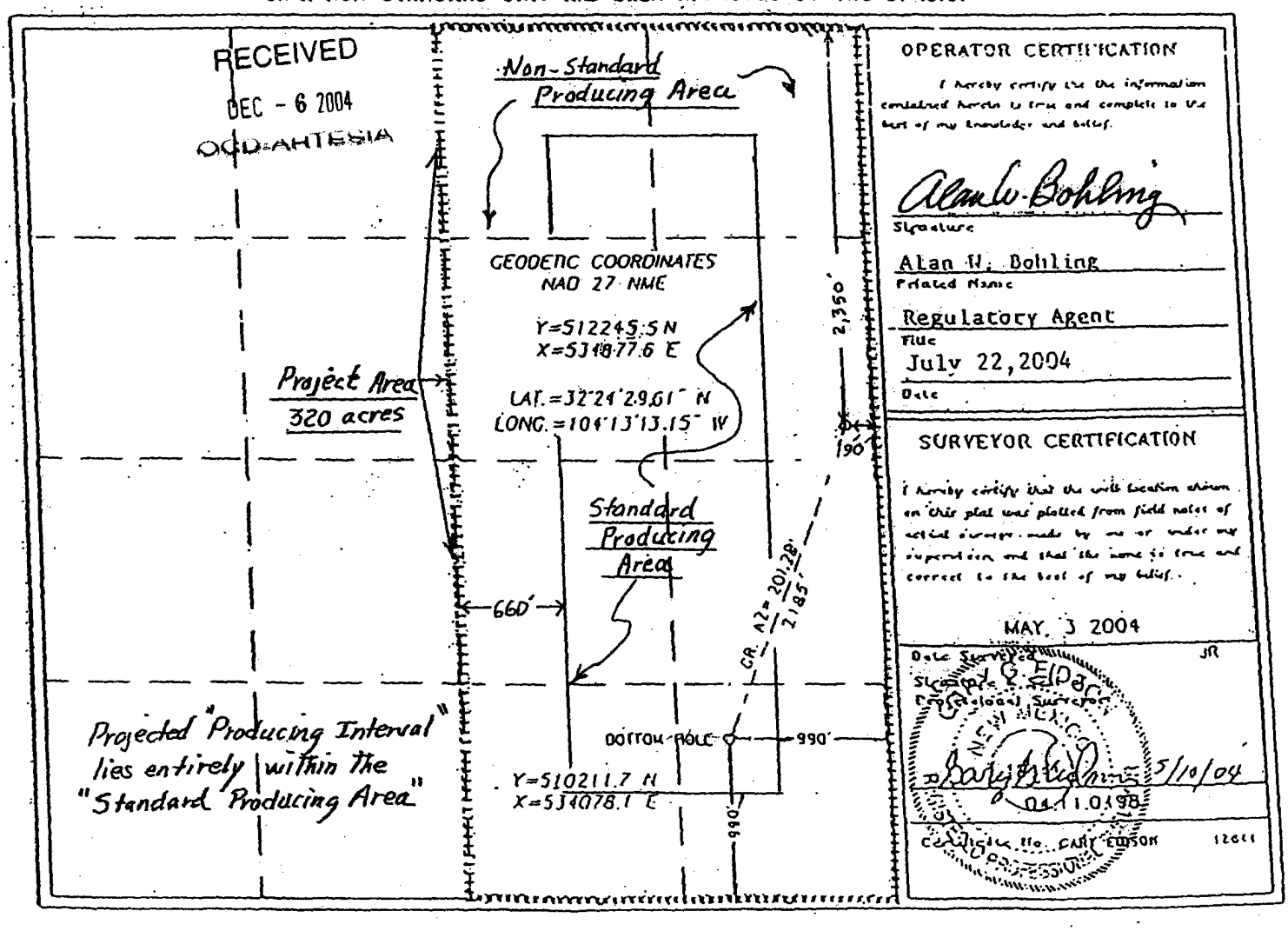
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	22-S	27-E		990'	SOUTH	990'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

RECEIVED
DEC - 6 2004
OCD-ARTESIA



OPERATOR CERTIFICATION

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

Alan W. Bohling
Signature

Alan W. Bohling
Printed Name

Regulatory Agent
Title

July 22, 2004
Date

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.

MAY 3 2004

Date Surveyed JR

Signature & Seal of Professional Surveyor

NEW MEXICO
11.0.98
PROFESSIONAL SURVEYOR

Certificate No. GARY EDSON 12641