

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5 Lease Serial No NM-81677
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resist Other _____		6 If Indian, Allottee or Tribe Name
2 Name of Operator ENCORE OPERATING, L.P.		7 Unit or C/A Agreement Name and No
3 Address 777 MAIN STREET, STE. 1400 FORT WORTH, TX. 76102	3a Phone No (include area code) 817-877-9955	8 Lease Name and Well No ENCORE 12 INDIAN COM #1
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1650' FNL & 990' FEL At top prod interval reported below At total depth		9 AFI Well No 30-015-35632
14 Date Spudded 08/28/2007		10 Field and Pool, or Exploratory INDIAN BASIN-MORROW
15 Date TD Reached 10/11/2007		11 Sec., T., R., M., on Block and Survey or Area 12-21S-23E
16 Date Completed 03/20/2008 ☐ D & A ☒ Ready to Prod		12 County or Parish EDDY
		13 State NM
		17 Elevations (DF, RKB, RT, GL)* 3799 GR

18 Total Depth MD 9837 TVD 9837	19 Plug Back TD MD 9741 TVD 9741	20 Depth Bridge Plug Set MD TVD
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL		22 Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
14 3/4	9 5/8 J55	40#	0'	1442	729	1180 C	359	SURFACE <i>Circ</i>	
8 3/4	5 1/2 L80	20#	0'	9835	7928	2860 H		SURFACE <i>Circ</i>	

24 Tubing Record								
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8	9448	9457						

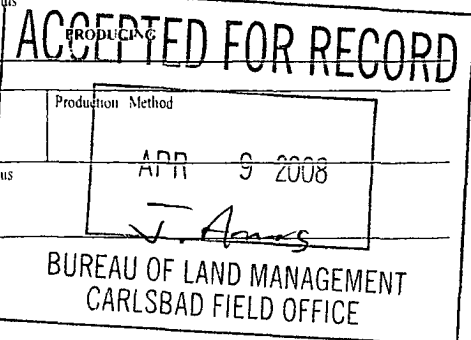
25 Producing Intervals				26 Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No Holes	Perf Status
A) MARROW	9060			9500-9512	6	73	OPEN
B)				9574-9580	6	37	SQUEEZED
C)							
D)							

27 Acid, Fracture, Treatment, Cement Squeeze, etc	
Depth Interval	Amount and Type of Material
9500-9512	FRAC:W/3200# 7% KCL WATER
9574-9580	SQUEEZED W/ 75 SX CLASS H

28 Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
03/20/2008	03/23/2008	24	→	0	3015	0	N/A	.59	FLOWING
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
48/64	SI 350	N/A	→	0	3015	0	N/A		

28a Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)



28b Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28c Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

SOLD

30 Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top Meas Depth
BONE SPRING	3923				
WOLFCAMP	6220				
CISCO	7022				
STRAWN	8420				
ATOKA SHAL	8870				
MORROW	9060				
BARNETT SHA	9654				

32 Additional remarks (include plugging procedure)

33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

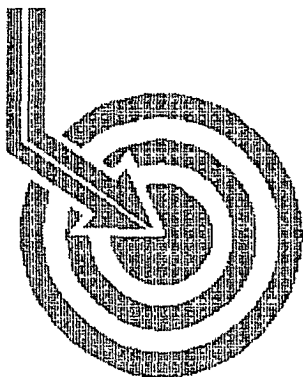
Name (please print) ANN BURDETTE WILEY

Title REGULATORY MANAGER

Signature [Signature]

Date 04/02/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction



Scientific Drilling

ENCORE

Field: Indian Basin, East
Site: Eddy County, NM
Well: Encore 12 Indian Com #1
Wellpath: VH - Job #32K0907801
Survey: 09/13/07

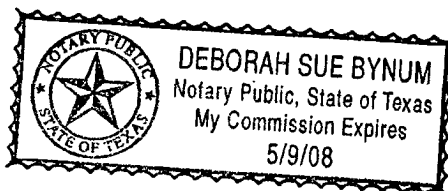
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Deborah..... Company Representative

Notorized this date 8th of October, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: ENCORE	Date: 10/07/2007	Time: 13:55:09	Page: 1
Field: Indian Basin, East	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Encore 12 Indian Com #1	Section (VS) Reference:	Well (0.00N,0.00E,215.79Azi)	
Wellpath: VH - Job #32K0907801	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 09/13/07	Start Date: 09/13/2007
Company: Scientific Drilling Internatio	Engineer: Guebara w/GeoGyro
Tool: Keeper, Keeper Gyro	Tied-to: From Surface

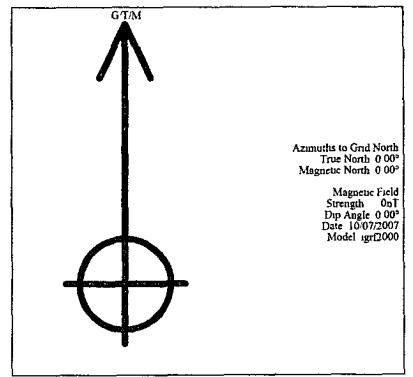
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.07	130.49	100.00	0.01	-0.04	0.05	0.07	0.06	130.49
200.00	0.09	139.52	200.00	0.03	-0.14	0.14	0.02	0.20	134.02
300.00	0.23	167.77	300.00	0.18	-0.39	0.24	0.16	0.46	148.99
400.00	0.18	203.17	400.00	0.47	-0.74	0.22	0.13	0.77	163.48
500.00	0.17	175.85	500.00	0.74	-1.03	0.17	0.08	1.04	170.77
600.00	0.21	190.31	600.00	1.02	-1.36	0.14	0.06	1.36	173.90
700.00	0.31	217.29	700.00	1.45	-1.75	-0.05	0.16	1.75	181.69
800.00	0.17	290.68	800.00	1.76	-1.91	-0.35	0.31	1.95	190.49
900.00	0.13	37.58	900.00	1.69	-1.77	-0.42	0.24	1.82	193.46
1000.00	0.46	103.39	999.99	1.42	-1.78	0.04	0.42	1.78	178.85
1100.00	0.70	93.14	1099.99	0.94	-1.90	1.04	0.26	2.17	151.42
1200.00	0.61	78.29	1199.98	0.21	-1.83	2.17	0.19	2.83	130.13
1300.00	0.47	95.68	1299.98	-0.38	-1.76	3.10	0.21	3.56	119.61
1400.00	0.43	105.43	1399.98	-0.72	-1.90	3.87	0.09	4.31	116.17
1500.00	0.39	128.90	1499.97	-0.83	-2.21	4.49	0.17	5.01	116.23
1600.00	0.35	132.72	1599.97	-0.78	-2.63	4.98	0.05	5.64	117.87
1700.00	0.58	141.75	1699.97	-0.60	-3.24	5.52	0.24	6.40	120.41
1800.00	0.52	167.43	1799.96	-0.16	-4.08	5.93	0.25	7.20	124.52
1900.00	0.65	173.14	1899.96	0.56	-5.09	6.10	0.14	7.94	129.82
2000.00	0.49	171.96	1999.95	1.28	-6.07	6.23	0.16	8.70	134.28
2100.00	0.70	170.22	2099.95	2.02	-7.10	6.39	0.21	9.55	138.00
2200.00	0.92	186.42	2199.94	3.15	-8.50	6.40	0.32	10.64	143.00
2300.00	0.63	186.91	2299.93	4.33	-9.84	6.25	0.29	11.66	147.59
2400.00	0.74	189.91	2399.92	5.39	-11.02	6.07	0.12	12.58	151.16
2500.00	0.51	190.86	2499.92	6.37	-12.10	5.88	0.23	13.45	154.09
2600.00	0.58	183.98	2599.91	7.21	-13.04	5.76	0.10	14.25	156.18
2700.00	0.58	166.54	2699.91	7.97	-14.04	5.84	0.18	15.20	157.41
2800.00	0.55	177.99	2799.90	8.68	-15.01	5.97	0.12	16.15	158.29
2900.00	0.71	165.34	2899.89	9.45	-16.09	6.15	0.21	17.22	159.08
3000.00	0.58	157.88	2999.89	10.12	-17.15	6.50	0.15	18.34	159.26
3100.00	0.65	152.37	3099.88	10.64	-18.13	6.95	0.09	19.41	159.03
3200.00	0.56	166.60	3199.88	11.21	-19.10	7.32	0.17	20.46	159.02
3300.00	0.67	159.66	3299.87	11.86	-20.13	7.64	0.13	21.53	159.21
3400.00	0.51	153.95	3399.87	12.39	-21.08	8.04	0.17	22.56	159.12
3500.00	0.61	204.14	3499.86	13.12	-21.96	8.02	0.48	23.38	159.94
3600.00	0.86	226.49	3599.85	14.38	-22.96	7.26	0.38	24.08	162.46
3700.00	1.31	232.62	3699.84	16.21	-24.17	5.80	0.46	24.86	166.50
3800.00	1.37	230.98	3799.81	18.46	-25.62	3.97	0.07	25.93	171.20
3900.00	1.68	236.78	3899.77	20.98	-27.18	1.81	0.35	27.24	176.19
4000.00	1.61	235.45	3999.73	23.68	-28.78	-0.57	0.08	28.78	181.14
4100.00	2.20	241.28	4099.68	26.73	-30.50	-3.41	0.62	30.69	186.39
4200.00	2.89	241.71	4199.58	30.73	-32.61	-7.32	0.69	33.42	192.64
4300.00	3.47	241.45	4299.42	35.73	-35.25	-12.19	0.58	37.30	199.08
4400.00	4.01	241.07	4399.21	41.62	-38.39	-17.91	0.54	42.36	205.01
4500.00	4.26	242.97	4498.95	48.08	-41.77	-24.28	0.29	48.32	210.17
4600.00	5.07	244.63	4598.62	55.26	-45.35	-31.58	0.82	55.27	214.85
4620.00	5.22	247.78	4618.54	56.80	-46.07	-33.22	1.60	56.80	215.79



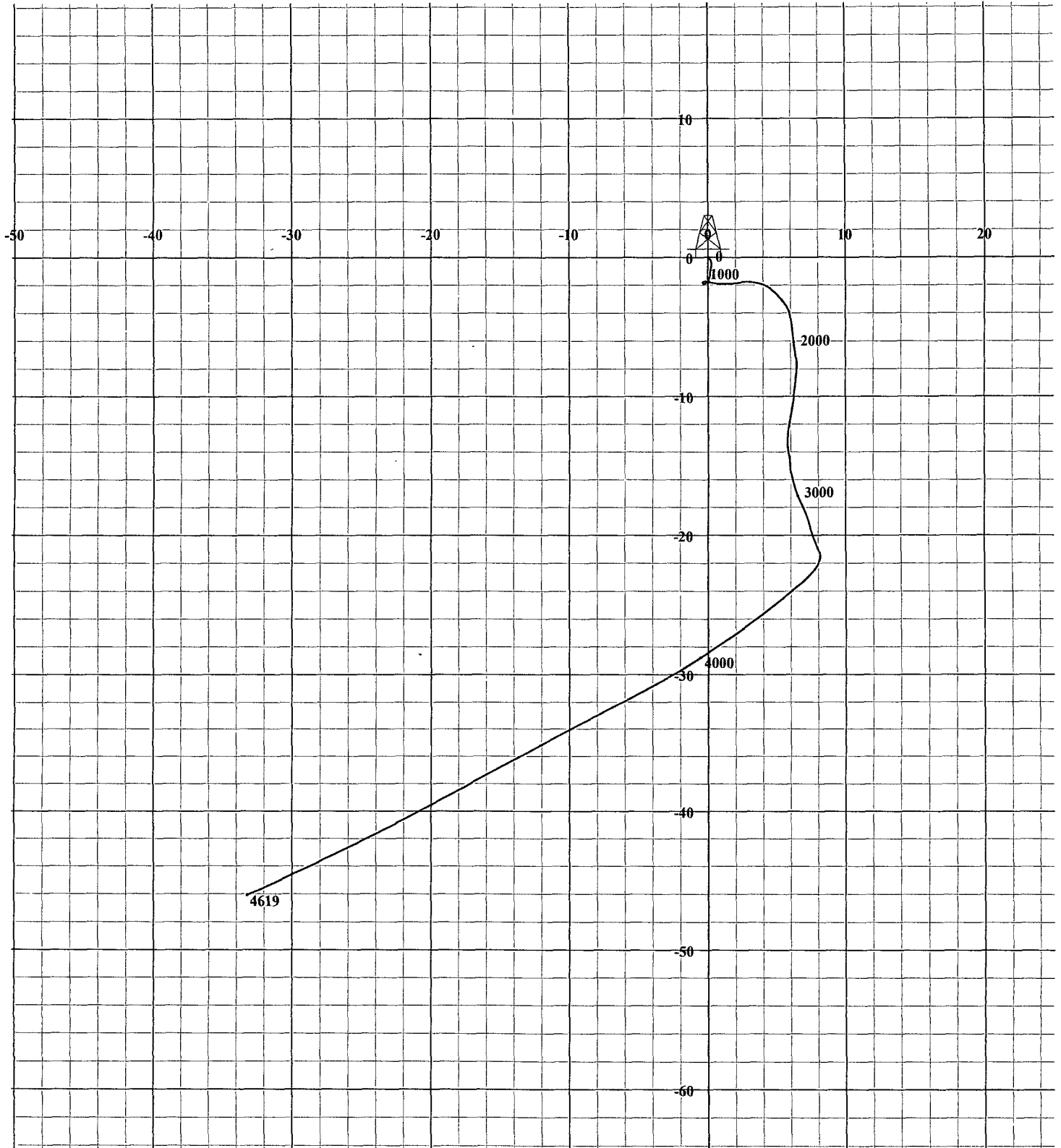
Scientific
Drilling

Field: Indian Basin, East
Site: Eddy County, NM
Well: Encore 12 Indian Com #1
Wellpath: VH - Job #32K0907801
Survey: 09/13/07



West(-)/East(+) [10ft/in]

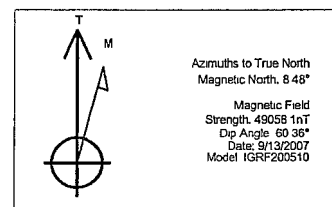
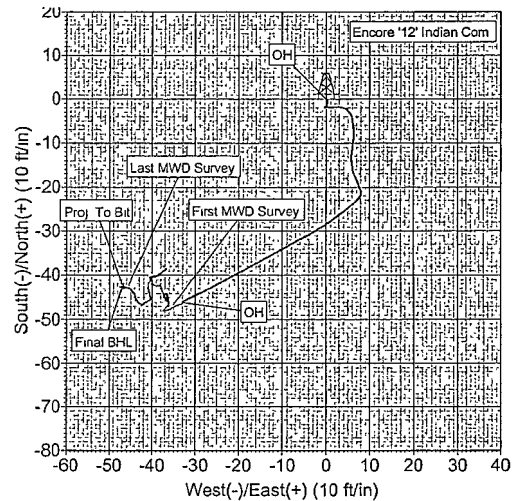
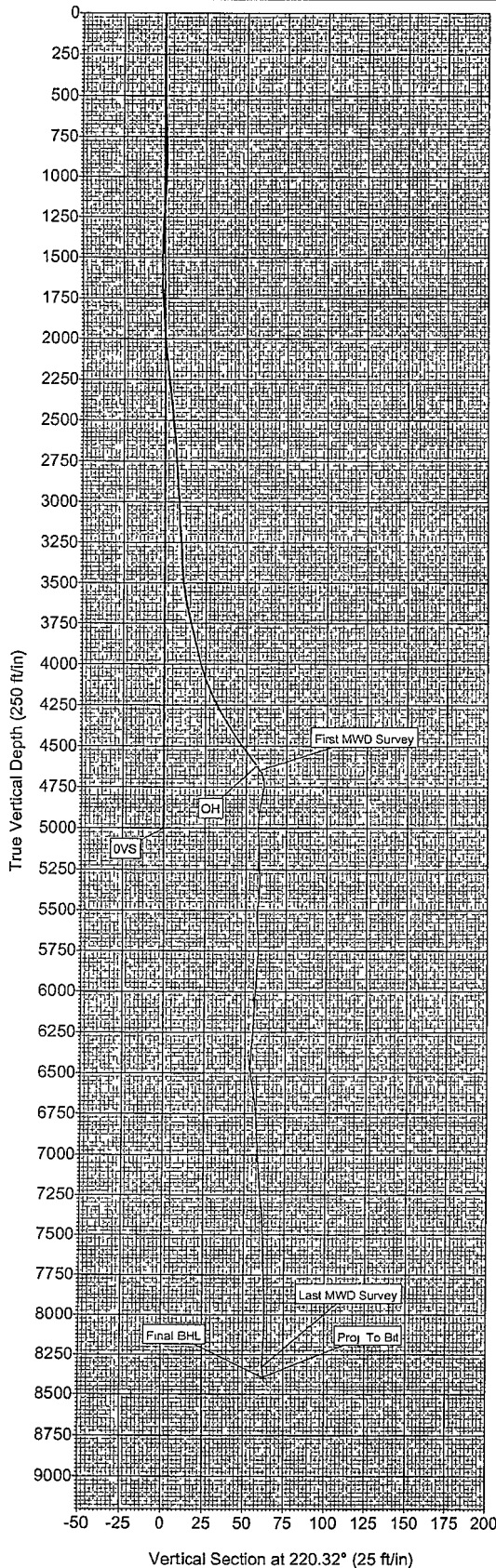
South(-)/North(+) [10ft/in]





Encore Operating, L.P.
A subsidiary of
Encore Acquisition
Company

Project: Eddy Co., New Mexico
Site: Encore '12' Indian Com
Well: Encore '12' Indian Com
Wellbore: Correction #1
Plan: Plan #1 (Encore '12' Indian Com/Correction #1)



PROJECT DETAILS: Eddy Co., New Mexico
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Ground Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	4620.00	5.22	247.78	4618.54	-46.07	-33.22	0.00	0.00	56.63	
2	4700.00	3.20	247.00	4698.32	-48.32	-35.65	2.53	-178.77	61.95	
3	4800.00	0.70	247.00	4798.25	-49.65	-41.78	2.50	180.00	64.89	
4	4900.00	0.00	0.00	4898.25	-49.89	-42.34	0.70	180.00	65.44	
5	9001.75	0.00	0.00	9000.00	-49.89	-42.34	0.00	0.00	65.44	

Plan: Final Plot (Encore '12' Indian Com/Correction #1)
Created By: L D Burton Date: September 13, 2007



Slide Data Sheet

Company: Encore

Date: _____ thru _____

Well Name: Encore 12 Indian Com #1

Bit to Survey: _____ Ft.

Co. Rep.: David Zarate

Page: 1 of _____

BHA #	Survey Depth	Incl. Degree	Azimuth Degree	Depth From	Depth To	Feet	Drill O/R	Tool Face or RPM	Drill Hrs.	WOB 1000#	PU,SO & ROT WT	Pump SPM	Flow Rate	Pressure OFF/ON	Comments
1	4650	3.9	244	4650	4658	8	O	mtf60	0.75	35	225,180,200	95	352	1400/1550	2.12
				4658	4672	14	R	35	0.50	35	225,180,200	95	352	1400/1550	
	4682	1.9	255.3	4672	4682	10	O	mtf65	0.75	35	225,180,200	95	352	1400/1550	
				4682	4704	22	R	35	1.25	35	225,180,200	95	352	1400/1550	
	4711	0.7	256.2	4704	4710	6	O	mtf65	0.50	35	225,180,200	95	352	1400/1550	
	4743	0.7	45.5	4710	4736	26	R	35	1.25	40	225,180,200	95	352	1400/1550	
	4774	0.8	49.9	4736	4797	61	R	35	2.75	40	225,180,200	95	352	1400/1550	
	4806	1.6	43.9	4797	4802	5	O	mtf225	0.75	35	225,180,200	95	352	1400/1550	
				4802	4860	58	R	35	2.50	40	225,180,200	95	352	1400/1550	
	4870	0.7	354.7	4860	4868	8	O	mtf225	0.75	35	225,180,200	95	352	1400/1550	
	4933	1.1	358.6	4868	4987	119	R	35	4.50	40	225,180,200	95	352	1400/1550	
	4997	1	318.8	4987	4995	8	O	mtf180	0.75	35	225,180,200	95	352	1400/1550	
				4995	5051	56	R	35	2.25	40	225,180,200	95	352	1400/1550	
	5061	0.8	194.8	5051	5061	10	O	mtf140	0.75	35	225,180,200	95	352	1400/1550	
	5124	0.7	138.2	5061	5115	54	R	35	2.50	40	225,180,200	95	352	1400/1550	
	5188	0.5	144	5115	5306	191	R	35	8.25	40	225,180,200	95	352	1400/1550	
	5252	0.3	258.5	5306	5369	63	R	35	2.25	40	225,180,200	95	352	1400/1550	
	5379	0.6	348.7	5369	5433	64	R	35	3.00	40	225,180,200	95	352	1400/1550	
	5443	1.5	334.4	5433	5497	64	R	35	2.00	40	225,180,200	95	352	1400/1550	
	5506	0.9	351.2	5497	5505	8	O	mtf155	0.75	35	225,180,200	95	352	1400/1550	
				5505	5560	55	R	35	2.25	40	240,205,220	95	352	1400/1550	
	5570	0.5	237.2	5560	5565	5	O	mtf180	0.50	35	240,205,220	95	352	1400/1550	
	5634	0.6	270.3	5565	5624	59	R	35	2.75	40	240,205,220	95	352	1400/1550	
	5698	0.6	296.1	5624	5688	64	R	35	2.50	40	240,205,220	95	352	1400/1550	
	5761	0.4	336.1	5688	5752	64	R	35	2.75	40	240,205,220	95	352	1400/1550	
	5825	1.1	358.1	5752	5815	63	R	35	2.75	40	240,205,220	95	352	1400/1550	
				5815	5879	64	R	35	2.50	40	240,205,220	95	352	1400/1550	
	5888	0.2	350.6	5879	5887	8	O	mtf180	0.75	35	240,205,220	95	352	1400/1550	
	5952	0.6	104	5887	5942	55	R	35	2.25	40	240,205,220	95	352	1400/1550	
	6014	0.5	66.4	5942	6006	64	R	35	2.25	40	240,205,220	95	352	1400/1550	

Sliding Data : Footage= 76 Hrs= 7 Ft/Hr= 10.8571429

Rotating Data: Footage= 1280 Hrs= 53 Ft/Hr= 24.1509434

Black Viper Directional Sup.: _____

Slide Data Sheet

Company: Encore

Date: _____ thru _____

Well Name: **Encore 12 Indian Com #1**

Bit to Survey: _____ **Ft.**

Co. Rep. : David Zarate

Page: 1 of

BHA #	Surevy Depth	Incl. Degree	Azimuth Degree	Depth From	Depth To	Feet	Drill O/R	Tool Face or RPM	Drill Hrs.	WOB 1000#	PU,SO & ROT WT	Pump SPM	Flow Rate	Pressure OFF/ON	Comments
1	6109	0.5	79.4	6006	6068	62	R	35	2.75	40	240,205,220	95	352	1400/1550	2.12
	6173	O	33.7	6068	6163	95	R	35	4.25	40	240,205,220	95	352	1700/1860	
2	6236	0.4	358	6163	6223	60	R	35	2.25	40	240,205,220	95	352	1520/1670	2.12
	6300	1.2	49.5	6223	6286	63	R	35	2.50	40	240,205,220	95	352	1520/1670	
				6286	6350	64	R	35	2.00	40	240,205,220	95	352	1520/1670	
	6459	0.4	210.9	6350	6358	8	O	mtf220	0.50	35	240,205,220	95	352	1520/1670	
	6523	0.9	240.6	6358	6509	151	R	35	6.25	40	240,205,220	95	352	1520/1670	
	6586	0.9	234.5	6509	6573	64	R	35	3.25	40	240,205,220	95	352	1520/1670	
	6650	0.9	246	6573	6636	63	R	35	2.50	40	240,205,220	95	352	1520/1670	
	6714	1.2	265.9	6636	6700	64	R	35	2.50	40	240,205,220	95	352	1520/1670	
				6700	6764	64	R	35	3.25	40	240,205,220	95	352	1520/1670	
	6778	0.4	148.6	6764	6772	8	O	mtf80	0.75	35	240,205,220	95	352	1520/1670	
	6841	0.5	167.9	6772	6828	56	R	35	3.75	40	240,205,220	95	352	1520/1670	
	6905	0.2	224.7	6828	6891	63	R	35	7.50	40	240,205,220	95	352	1520/1670	
	6969	0.6	227.8	6891	6955	64	R	35	5.75	40	240,205,220	95	352	1520/1670	
				6955	6991	36	R	35	3.00	40	240,205,220	95	352	1520/1670	
3	7032	0.1	71.5	6991	7027	36	R	40	2.50	40	240,205,220	95	352	1650/1880	2.12
	7096	0.7	182.5	7027	7090	63	R	40	3.75	40	240,205,220	95	352	1650/1880	
	7160	0.6	171.6	7090	7154	64	R	40	5.00	40	240,205,220	95	352	1650/1880	
	7223	0.7	167.4	7154	7218	64	R	40	3.25	40	240,205,220	95	352	1650/1880	
	7287	1.4	163	7218	7281	63	R	40	4.50	40	250,230,240	95	352	1650/1880	
				7281	7345	64	R	40	3.75	45	250,230,240	95	352	1650/1880	
	7350	0.4	245.1	7345	7353	8	O	mtf350	1.00	35	250,230,240	95	352	1650/1880	
	7414	0.3	275.4	7353	7408	55	R	40	3.75	45	250,230,240	95	352	1650/1880	
	7477	0.6	204.1	7408	7472	64	R	40	3.75	45	250,230,240	95	352	1650/1880	
	7541	0.3	295.8	7472	7535	63	R	40	7.50	45	250,230,240	95	352	1650/1880	
	7605	O	311.4	7535	7599	64	R	40	4.25	45	250,230,240	95	352	1650/1880	
	7668	0.2	305.1	7599	7726	127	R	40	12.00	45	250,230,240	95	352	1650/1880	
	7732	0.4	215	7726	7790	64	R	40	6.75	45	250,230,240	95	352	1650/1880	
	7795	O	218	7790	7853	63	R	40	6.50	45	250,230,240	95	352	1650/1880	

Sliding Data : Footage= 24 Hrs= 2.25 Ft/Hr= 10.6666667

Rotating Data:	Footage= 1823	Hrs= 119	Ft/Hr= 15.3515789
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Black Viper Directional Sup.:

Slide Data Sheet

Company: **Encore**

Date: thru

Well Name: Encore 12 Indian Com #1

Bit to Survey: _____ Ft.

Co. Rep. : David Zarate

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[illegible]

Sliding Data :	Footage=	Hrs=	Ft/Hr=	#DIV/0!
Rotating Data:	Footage= 64	Hrs= 5.25	Ft/Hr=	12.1904762

Black Viper Directional Sup.: