

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No
NMNM92781

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

HOBBS OCD

NOV 19 2012

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PRODUCTION CO., LP

Contact: ERIN WORKMAN

E-Mail: ERIN.WORKMAN@DVN.COM

RECEIVED

8. Well Name and No.
GAUCHO UNIT 7

9. API Well No.

30-025-34440

3a. Address

333 W. SHERIDAN AVE
OKLAHOMA CITY, OK 73102

3b. Phone No (include area code)

Ph: 405-552-7970

10. Field and Pool, or Exploratory
WCS223417K; ATOKA (GAS)

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

Sec 17 T22S R34E 1650FSL 1980FWL

11. County or Parish, and State

LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company, LP respectfully requests approval for a 30 day extension due to rig scheduling and to modify the side track procedure to the revised landing depth as follows:

KOP 9796 build 10's to 10369' TVD (90.63 INC.) ande hold to BHL at 10303' TVD.

See attached revised Drill Plan and directional survey.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. Thereby certify that the foregoing is true and correct

Electronic Submission #159520 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO., LP, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 11/07/2012 ()

Name (Printed/Typed) ERIN WORKMAN

Title REGULATORY COMPLIANCE ASSOC.

Signature (Electronic Submission)

Date 11/06/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Ed Fernandez

Title

PETROLEUM ENGINEER

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ******SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

NOV 19 2012

CONDITIONS OF APPROVAL

Sundry dated 11/06/2012.

OPERATOR'S NAME:	DEVON ENERGY
API NO.:	30-025-34440
WELL NAME & NO.:	GAUCHO Unit #7
SURFACE HOLE FOOTAGE:	1650' FSL & 1980' FWL Section 17
BOTTOM HOLE FOOTAGE:	330' FSL & 1980' FWL Section 20
LOCATION:	Section 17, T.22 S., R.34 E., NMPM
COUNTY:	Lea County, New Mexico

Original COA on sundry dated 05/24/2012 and approved June 15, 2012 still applies with the following changes:

New Casing

The minimum required fill of cement behind the **5-1/2** inch production casing is:

- ☒ Cement should tie-back at least **50 feet above the Capitan Reef** (Top of Capitan Reef estimated at 4193'). Operator shall provide method of verification. **Additional cement may be required to get cement top above the Capitan Reef**

Should operator have problems during the cement job, operator will be required to run a CBL and submit to BLM

EGF 111512

GAUCHO UNIT 7 (Re-entry) – APD DRILLING PLAN
KKS 5-16-12
Revised Landing Depth 10-25-12
Revised discussion section to include sidetrack verbiage.

Casing Program and re-entry drilling program

Note the Gaucho unit 7 is a re-entry well, the existing 7" casing will be pulled from ~8,050' to surface. The existing surface casing is set at 827', 1st intermediate casing string is set at 2,290' and the 2nd intermediate casing string is set at 5,172' will remain in place. Drilling plan is to drill the cement plug set at ~5,122' to 8,000' set whipstock and sidetrack (8-3/4") the original wellbore 100'. Drill vertically (8-3/4") to a KOP of 9,796' build and land curve, drill lateral, run and cement 5-1/2" production casing.

Casing plan:

<u>Hole Size</u>	<u>Hole Interval</u>	<u>OD Csg</u>	<u>Casing Interval</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>
8-3/4"	5,122 – 7,700	5-1/2"	0 – 7,700	17#	LTC	HCP-110
8-3/4"	7,700 – 16,628	5-1/2"	7,700 – 16,628	17#	BTC	HCP-110

MAX TVD 10,303 FT

Note: only new casing will be utilized.

Design Factors:

<u>Casing Size</u>	<u>Collapse Design Factor</u>	<u>Burst Design Factor</u>	<u>Tension Design Factor</u>
5-1/2" 17# P-110HC LTC	2.38	2.95	1.76
5-1/2" 17# P-110HC BTC	2.16	2.67	3.66

Mud Program:

<u>Depth</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>Fluid Loss</u>	<u>Type System</u>
5,122 – 16,628	8.6 – 9.0	28 – 32	N/C-12	FW

Pressure Control Equipment:

The BOP system used to drill the production hole will consist of a 13-5/8" 3M Triple Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the intermediate casing shoe.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.

Cementing Program (cement volumes based on at least 25% excess)

5-1/2" Production

1st Lead Slurry (yield 2.3 cf/sk, 11.80 ppg):	275 sacks (50:50) Poz (Fly Ash):Class H Cement + 0.5% bwoc FL-52 + 0.3% bwoc ASA-301 + 10% bwoc Bentonite + 0.1% bwoc R-21 + 130.7% Fresh Water
Lead Slurry (yield 2.0 cf/sk, 12.50 ppg):	630 sacks (35:65) Poz (Fly Ash):Class H Cement + 3% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 0.7% bwoc FL-52 + 6% bwoc Bentonite + 105.4% Fresh Water
Tail Slurry (yield 1.28 cf/sk 14.20 ppg):	1600 sacks (50:50) Poz (Fly Ash):Class H Cement + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 0.5% bwoc FL-52 + 0.45% bwoc Sodium Metasilicate + 57.2% Fresh Water

TOC for All Strings.
Surface
Intermediate.
Production

NA

NA

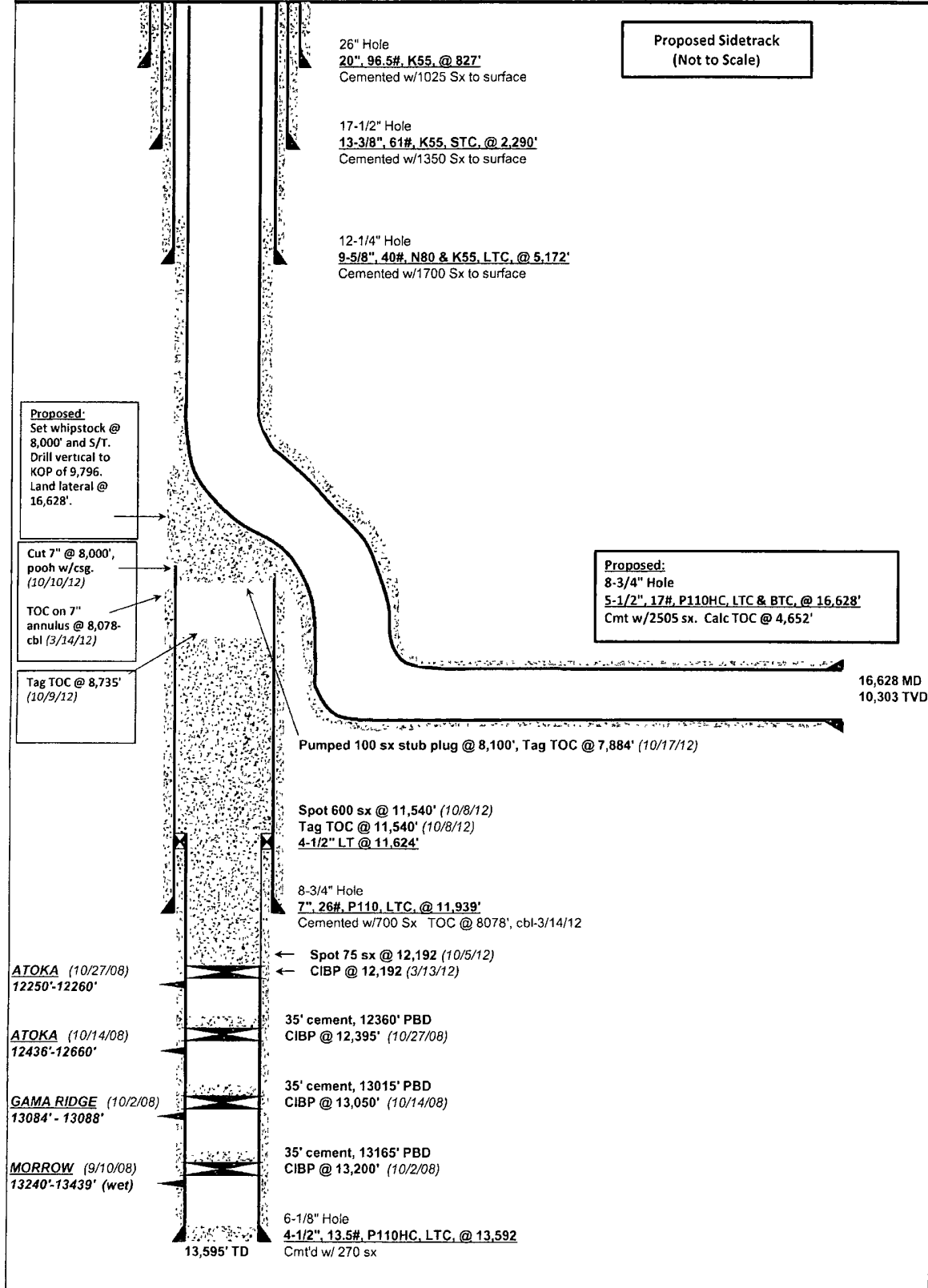
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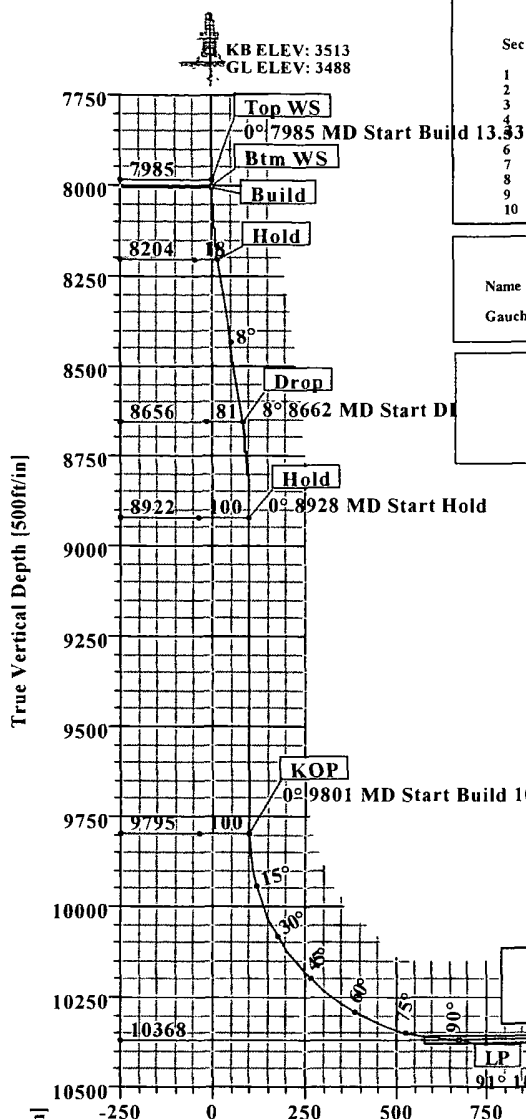
See COA

ACTUAL CEMENT VOLUMES WILL BE ADJUSTED BASED ON FLUID CALIPER AND CALIPER LOG DATA

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: GAUCHO UNIT #7		Field: OJO CHISO	
Location: 1650' FSL & 1980' FWL; Sec 17-T22S-R34E		County: LEA	State: NM
Elevation: 3509' KB; 3487' GL; 22' KB to GL		Spud Date: 7/5/98	Compl Date:
API#: 30-025-34440	Prepared by: Ronnie Slack	Date: 11/15/12	Rev:



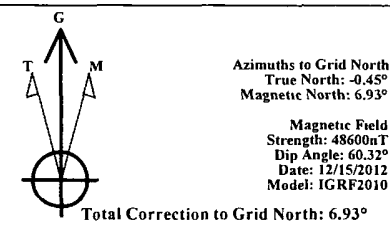


SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	179.65	0.00	0.00	0.00	0.00	0.00	0.00	
2	7985.00	0.00	179.65	7985.00	0.00	0.00	0.00	179.65	0.00	
3	8000.00	2.00	179.65	8000.00	-0.26	0.00	13.33	179.65	0.26	
4	8005.00	2.00	179.65	8004.99	-0.44	0.00	0.00	0.00	0.44	
5	8205.02	8.00	179.65	8204.16	-17.86	0.11	3.00	360.00	17.86	
6	8661.68	8.00	179.65	8656.37	-81.41	0.50	0.00	0.00	81.41	
7	8928.34	0.00	179.65	8922.18	-100.00	0.61	3.00	180.00	100.00	
8	9801.35	0.00	179.65	9795.18	-100.00	0.61	0.00	0.00	100.00	
9	10707.65	90.63	179.65	10368.11	-679.25	4.14	10.00	179.65	679.26	
10	16628.98	90.63	179.65	10303.00	-6600.11	40.21	0.00	0.00	6600.23	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Gaucha Unit #7RE	0.00	0.00	506259.73	800357.93	32°23'20.331N	103°29'39.147W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	10303.00	-6600.11	40.21	499659.62	800398.14	Rectangle (6021x50)

devon
Gaucha Unit #7 RE
Lea County, New Mexico



FIELD DETAILS
Lea County, New Mexico (NAD 83)

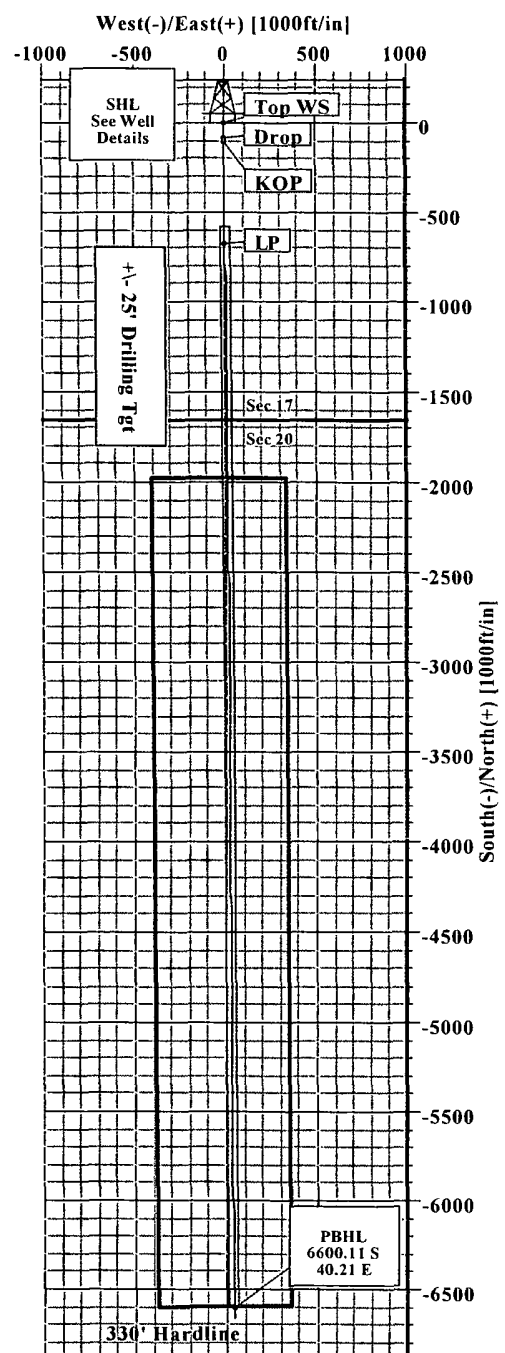
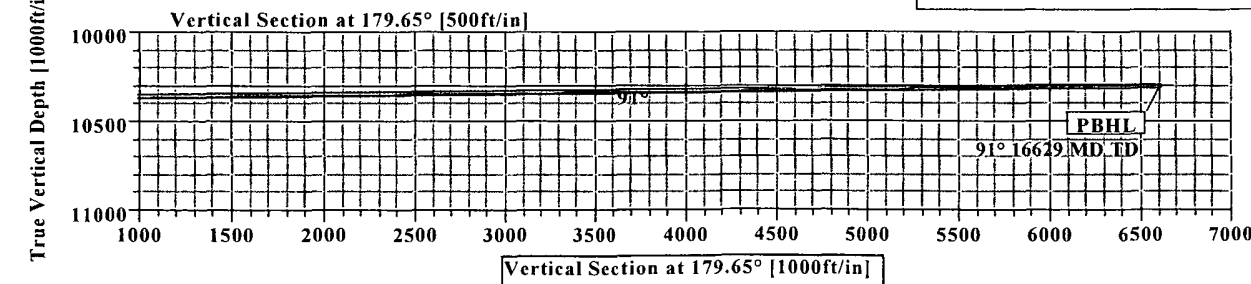
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010

System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS
Gaucha Unit #7RE

Site Centre Northing: 506259.73
Easting: 800357.93

Ground Level: 3488.00
Positional Uncertainty: 0.00
Convergence: 0.45





Weatherford®

Drilling Services

Proposal



devon

GAUCHO UNIT #7H RE

LEA COUNTY, NM

WELL FILE: **PLAN 2**

NOVEMBER 14, 2012

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

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+1.432 561.8895 Fax

www.weatherford.com



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WFT Plan Report - X & Y's



Company: Devon Energy	Date: 11/14/2012	Time: 10:00:21	Page: 1
Field: Lea County, New Mexico (NAD 83)	Co-ordinate (NE) Reference: Well: Gaucho Unit #7RE Gnd North		
Site: Gaucho Unit #7RE	Vertical (TVD) Reference: SITE 3513.0		
Well: Gaucho Unit #7RE	Section (VS) Reference: Well (0.00N, 0.00E: 179.65Az)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #2	Date Composed: 11/14/2012
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: Lea County, New Mexico (NAD 83)	
Map System: US State Plane Coordinate System 1983	Map Zone: New Mexico, Eastern Zone
Geo Datum: GRS 1980	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: Gaucho Unit #7RE
Site Position: Northing: 506259.73 ft Latitude: 32 23 20.331 N
From: Map Easting: 800357.93 ft Longitude: 103 29 39.147 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3488.00 ft Grid Convergence: 0.45 deg

Well: Gaucho Unit #7RE				Slot Name:			
Well Position:	+N/-S	0 00 ft	Northing:	506259.73 ft	Latitude:	32 23 20 331 N	
	+E/-W	0 00 ft	Easting :	800357 93 ft	Longitude:	103 29 39.147 W	
Position Uncertainty:		0.00 ft					

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 12/15/2012	Above System Datum: Mean Sea Level
Field Strength: 48600 nT	Declination: 7.38 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.32 deg
ft	+N/-S Direction
	ft deg
0.00	0.00 0.00 179.65

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	179.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7985.00	0.00	179.65	7985.00	0.00	0.00	0.00	0.00	0.00	179.65	
8000.00	2.00	179.65	8000.00	-0.26	0.00	13.33	13.33	0.00	179.65	
8005.00	2.00	179.65	8004.99	-0.44	0.00	0.00	0.00	0.00	0.00	
8205.02	8.00	179.65	8204.16	-17.86	0.11	3.00	3.00	0.00	360.00	
8661.68	8.00	179.65	8656.37	-81.41	0.50	0.00	0.00	0.00	0.00	
8928.34	0.00	179.65	8922.18	-100.00	0.61	3.00	-3.00	-67.37	180.00	
9801.35	0.00	179.65	9795.18	-100.00	0.61	0.00	0.00	0.00	0.00	
10707.65	90.63	179.65	10368.11	-679.25	4.14	10.00	10.00	0.00	179.65	
16628.98	90.63	179.65	10303.00	-6600.11	40.21	0.00	0.00	0.00	0.00	PBHL

Survey

MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	MapN	MapE	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	ft	
7900.00	0.00	179.65	7900.00	0.00	0.00	0.00	0.00	506259.73	800357.93	
7985.00	0.00	179.65	7985.00	0.00	0.00	0.00	0.00	506259.73	800357.93	Top WS
8000.00	2.00	179.65	8000.00	-0.26	0.00	0.26	13.33	506259.47	800357.93	Btm WS
8005.00	2.00	179.65	8004.99	-0.44	0.00	0.44	0.00	506259.29	800357.93	Build
8100.00	4.85	179.65	8099.81	-6.11	0.04	6.11	3.00	506253.62	800357.97	
8205.02	8.00	179.65	8204.16	-17.86	0.11	17.86	3.00	506241.87	800358.04	Hold
8300.00	8.00	179.65	8298.22	-31.08	0.19	31.08	0.00	506228.65	800358.12	
8400.00	8.00	179.65	8397.24	-45.00	0.27	45.00	0.00	506214.73	800358.20	
8500.00	8.00	179.65	8496.27	-58.91	0.36	58.91	0.00	506200.82	800358.29	
8600.00	8.00	179.65	8595.30	-72.83	0.44	72.83	0.00	506186.90	800358.37	
8661.68	8.00	179.65	8656.37	-81.41	0.50	81.41	0.00	506178.32	800358.43	Drop
8700.00	6.85	179.65	8694.38	-86.37	0.53	86.37	3.00	506173.36	800358.46	



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WFT Plan Report - X & Y's



Company: Devon Energy Date: 11/14/2012 Time: 10:00:21 Page: 2
Field: Lea County, New Mexico (NAD 83) Co-ordinate (NE) Reference: Well: Gaucho Unit #7RE Grid: North
Site: Gaucho Unit #7RE Vertical (FVD) Reference: SITE 3513.0
Well: Gaucho Unit #7RE Section (VS) Reference: Well (0.00N, 0.00E, 179.65Az)
Wellpath: Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	MapN	MapE	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	ft	
8800.00	3.85	179.65	8793.93	-95.69	0.58	95.69	3.00	506164.04	800358.51	
8900.00	0.85	179.65	8893.83	-99.79	0.61	99.79	3.00	506159.94	800358.54	
8928.34	0.00	179.65	8922.18	-100.00	0.61	100.00	3.00	506159.73	800358.54	Hold
9000.00	0.00	179.65	8993.83	-100.00	0.61	100.00	0.00	506159.73	800358.54	
9100.00	0.00	179.65	9093.83	-100.00	0.61	100.00	0.00	506159.73	800358.54	
9200.00	0.00	179.65	9193.83	-100.00	0.61	100.00	0.00	506159.73	800358.54	
9300.00	0.00	179.65	9293.83	-100.00	0.61	100.00	0.00	506159.73	800358.54	
9400.00	0.00	179.65	9393.83	-100.00	0.61	100.00	0.00	506159.73	800358.54	
9500.00	0.00	179.65	9493.83	-100.00	0.61	100.00	0.00	506159.73	800358.54	
9600.00	0.00	179.65	9593.83	-100.00	0.61	100.00	0.00	506159.73	800358.54	
9700.00	0.00	179.65	9693.83	-100.00	0.61	100.00	0.00	506159.73	800358.54	
9801.35	0.00	179.65	9795.18	-100.00	0.61	100.00	0.00	506159.73	800358.54	KOP
9850.00	4.86	179.65	9843.77	-102.06	0.62	102.07	10.00	506157.67	800358.55	
9900.00	9.86	179.65	9893.35	-108.47	0.66	108.47	10.00	506151.26	800358.59	
9950.00	14.86	179.65	9942.17	-119.17	0.73	119.18	10.00	506140.56	800358.66	
10000.00	19.86	179.65	9989.88	-134.09	0.82	134.09	10.00	506125.64	800358.75	
10050.00	24.86	179.65	10036.10	-153.11	0.93	153.11	10.00	506106.62	800358.86	
10100.00	29.86	179.65	10080.49	-176.09	1.07	176.09	10.00	506083.64	800359.00	
10150.00	34.86	179.65	10122.71	-202.84	1.24	202.85	10.00	506056.89	800359.17	
10200.00	39.86	179.65	10162.44	-233.18	1.42	233.18	10.00	506026.55	800359.35	
10250.00	44.86	179.65	10199.37	-266.86	1.63	266.86	10.00	505992.87	800359.56	
10300.00	49.86	179.65	10233.22	-303.63	1.85	303.63	10.00	505956.10	800359.78	
10350.00	54.86	179.65	10263.75	-343.21	2.09	343.22	10.00	505916.52	800360.02	
10400.00	59.86	179.65	10290.70	-385.30	2.35	385.31	10.00	505874.43	800360.28	
10450.00	64.86	179.65	10313.89	-429.58	2.62	429.59	10.00	505830.15	800360.55	
10500.00	69.86	179.65	10333.12	-475.72	2.90	475.73	10.00	505784.01	800360.83	
10550.00	74.86	179.65	10348.27	-523.35	3.19	523.36	10.00	505736.38	800361.12	
10600.00	79.86	179.65	10359.20	-572.12	3.49	572.13	10.00	505687.61	800361.42	
10650.00	84.86	179.65	10365.84	-621.66	3.79	621.68	10.00	505638.07	800361.72	
10700.00	89.86	179.65	10368.14	-671.59	4.09	671.61	10.00	505588.14	800362.02	
10707.65	90.63	179.65	10368.11	-679.25	4.14	679.26	10.00	505580.48	800362.07	LP
10800.00	90.63	179.65	10367.09	-771.59	4.70	771.60	0.00	505488.14	800362.63	
10900.00	90.63	179.65	10365.99	-871.58	5.31	871.60	0.00	505388.15	800363.24	
11000.00	90.63	179.65	10364.89	-971.57	5.92	971.59	0.00	505288.16	800363.85	
11100.00	90.63	179.65	10363.79	-1071.56	6.53	1071.58	0.00	505188.17	800364.46	
11200.00	90.63	179.65	10362.69	-1171.56	7.14	1171.58	0.00	505088.17	800365.07	
11300.00	90.63	179.65	10361.59	-1271.55	7.75	1271.57	0.00	504988.18	800365.68	
11400.00	90.63	179.65	10360.49	-1371.54	8.36	1371.57	0.00	504888.19	800366.29	
11500.00	90.63	179.65	10359.39	-1471.53	8.97	1471.56	0.00	504788.20	800366.90	
11600.00	90.63	179.65	10358.30	-1571.52	9.58	1571.55	0.00	504688.21	800367.51	
11700.00	90.63	179.65	10357.20	-1671.52	10.18	1671.55	0.00	504588.21	800368.11	
11800.00	90.63	179.65	10356.10	-1771.51	10.79	1771.54	0.00	504488.22	800368.72	
11900.00	90.63	179.65	10355.00	-1871.50	11.40	1871.54	0.00	504388.23	800369.33	
12000.00	90.63	179.65	10353.90	-1971.49	12.01	1971.53	0.00	504288.24	800369.94	
12100.00	90.63	179.65	10352.80	-2071.48	12.62	2071.52	0.00	504188.25	800370.55	
12200.00	90.63	179.65	10351.70	-2171.48	13.23	2171.52	0.00	504088.25	800371.16	
12300.00	90.63	179.65	10350.60	-2271.47	13.84	2271.51	0.00	503988.26	800371.77	
12400.00	90.63	179.65	10349.50	-2371.46	14.45	2371.50	0.00	503888.27	800372.38	
12500.00	90.63	179.65	10348.40	-2471.45	15.06	2471.50	0.00	503788.28	800372.99	
12600.00	90.63	179.65	10347.30	-2571.45	15.67	2571.49	0.00	503688.28	800373.60	
12700.00	90.63	179.65	10346.20	-2671.44	16.28	2671.49	0.00	503588.29	800374.21	
12800.00	90.63	179.65	10345.10	-2771.43	16.89	2771.48	0.00	503488.30	800374.82	
12900.00	90.63	179.65	10344.00	-2871.42	17.49	2871.47	0.00	503388.31	800375.42	



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WFT Plan Report - X & Y's



Company: Devon Energy Date: 11/14/2012 Time: 10:00:21 Page: 3
Field: Lea County, New Mexico (NAD 83) Co-ordinate(NE) Reference: Well: Gaucho Unit #7RE Grid North
Site: Gaucho Unit #7RE Vertical (TVD) Reference: SITE 3513.0
Well: Gaucho Unit #7RE Section (VS) Reference: Well(0.00N,0.00E,179.65Azi)
Wellpath: 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	MapN ft	MapE ft	Comments
13000.00	90.63	179.65	10342.90	-2971.41	18.10	2971.47	0.00	503288.32	800376.03	
13100.00	90.63	179.65	10341.80	-3071.41	18.71	3071.46	0.00	503188.32	800376.64	
13200.00	90.63	179.65	10340.70	-3171.40	19.32	3171.46	0.00	503088.33	800377.25	
13300.00	90.63	179.65	10339.60	-3271.39	19.93	3271.45	0.00	502988.34	800377.86	
13400.00	90.63	179.65	10338.50	-3371.38	20.54	3371.44	0.00	502888.35	800378.47	
13500.00	90.63	179.65	10337.40	-3471.37	21.15	3471.44	0.00	502788.36	800379.08	
13600.00	90.63	179.65	10336.30	-3571.37	21.76	3571.43	0.00	502688.36	800379.69	
13700.00	90.63	179.65	10335.21	-3671.36	22.37	3671.43	0.00	502588.37	800380.30	
13800.00	90.63	179.65	10334.11	-3771.35	22.98	3771.42	0.00	502488.38	800380.91	
13900.00	90.63	179.65	10333.01	-3871.34	23.59	3871.41	0.00	502388.39	800381.52	
14000.00	90.63	179.65	10331.91	-3971.33	24.20	3971.41	0.00	502288.40	800382.13	
14100.00	90.63	179.65	10330.81	-4071.33	24.80	4071.40	0.00	502188.40	800382.73	
14200.00	90.63	179.65	10329.71	-4171.32	25.41	4171.40	0.00	502088.41	800383.34	
14300.00	90.63	179.65	10328.61	-4271.31	26.02	4271.39	0.00	501988.42	800383.95	
14400.00	90.63	179.65	10327.51	-4371.30	26.63	4371.38	0.00	501888.43	800384.56	
14500.00	90.63	179.65	10326.41	-4471.29	27.24	4471.38	0.00	501788.44	800385.17	
14600.00	90.63	179.65	10325.31	-4571.29	27.85	4571.37	0.00	501688.44	800385.78	
14700.00	90.63	179.65	10324.21	-4671.28	28.46	4671.37	0.00	501588.45	800386.39	
14800.00	90.63	179.65	10323.11	-4771.27	29.07	4771.36	0.00	501488.46	800387.00	
14900.00	90.63	179.65	10322.01	-4871.26	29.68	4871.35	0.00	501388.47	800387.61	
15000.00	90.63	179.65	10320.91	-4971.26	30.29	4971.35	0.00	501288.47	800388.22	
15100.00	90.63	179.65	10319.81	-5071.25	30.90	5071.34	0.00	501188.48	800388.83	
15200.00	90.63	179.65	10318.71	-5171.24	31.51	5171.34	0.00	501088.49	800389.44	
15300.00	90.63	179.65	10317.61	-5271.23	32.11	5271.33	0.00	500988.50	800390.04	
15400.00	90.63	179.65	10316.51	-5371.22	32.72	5371.32	0.00	500888.51	800390.65	
15500.00	90.63	179.65	10315.41	-5471.22	33.33	5471.32	0.00	500788.51	800391.26	
15600.00	90.63	179.65	10314.31	-5571.21	33.94	5571.31	0.00	500688.52	800391.87	
15700.00	90.63	179.65	10313.21	-5671.20	34.55	5671.31	0.00	500588.53	800392.48	
15800.00	90.63	179.65	10312.11	-5771.19	35.16	5771.30	0.00	500488.54	800393.09	
15900.00	90.63	179.65	10311.02	-5871.18	35.77	5871.29	0.00	500388.55	800393.70	
16000.00	90.63	179.65	10309.92	-5971.18	36.38	5971.29	0.00	500288.55	800394.31	
16100.00	90.63	179.65	10308.82	-6071.17	36.99	6071.28	0.00	500188.56	800394.92	
16200.00	90.63	179.65	10307.72	-6171.16	37.60	6171.28	0.00	500088.57	800395.53	
16300.00	90.63	179.65	10306.62	-6271.15	38.21	6271.27	0.00	499988.58	800396.14	
16400.00	90.63	179.65	10305.52	-6371.14	38.82	6371.26	0.00	499888.59	800396.75	
16500.00	90.63	179.65	10304.42	-6471.14	39.42	6471.26	0.00	499788.59	800397.35	
16600.00	90.63	179.65	10303.32	-6571.13	40.03	6571.25	0.00	499688.60	800397.96	
16628.98	90.63	179.65	10303.00	-6600.11	40.21	6600.23	0.00	499659.62	800398.14	PBHL

Targets

Name	Description	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
PBHL	-Rectangle (6021x50)	10303.00	-6600.11	40.21	499659.62	800398.14	32 22 15.021 N	103 29 39.282 W



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WFT Plan Report - X & Y's



Company: Devon Energy	Date: 1/14/2012	Time: 10:00:21	Page: 4
Field: Lea County, New Mexico (NAD 83)	Co-ordinate (NE) Reference: Well: Gaucho Unit #7RE Grid North		
Site: Gaucho Unit #7RE	Vertical (TVD) Reference: SITE 3513.0		
Well: Gaucho Unit #7RE	Section (VS) Reference: Well (0.00N, 0.00E, 179.65Azi)		
Wellpath:	Survey Calculation Method: Minimum Curvature Db: Sybase		

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7985.00	7985.00	Top WS
8000.00	8000.00	Btm WS
8005.00	8004.99	Build
8205.02	8204.16	Hold
8661.68	8656.38	Drop
8928.34	8922.17	Hold
9801.35	9795.18	KOP
10707.65	10368.11	LP
16628.98	10303.00	PBHL

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

**Weatherford®****Weatherford Drilling Services**

GeoDec v5.03

Report Date: November 14, 2012
Job Number: _____
Customer: Devon Energy
Well Name: GAUCHO UNIT #7H RE
API Number: _____
Rig Name: _____
Location: Lea County, NM
Block: _____
Engineer: RWJ

US State Plane 1983	Geodetic Latitude / Longitude
System: New Mexico Eastern Zone	System: Latitude / Longitude
Projection: Transverse Mercator/Gauss Kruger	Projection: Geodetic Latitude and Longitude
Datum: North American Datum 1983	Datum: North American Datum 1983
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
North/South 506259.730 USFT	Latitude 32.3889835 DEG
East/West 800357.930 USFT	Longitude -103.4942023 DEG
Grid Convergence: .45°	
Total Correction: +6.93°	

Geodetic Location WGS84 Elevation = 0.0 Meters
Latitude = 32.38898° N 32° 23 min 20.341 sec
Longitude = 103.49420° W 103° 29 min 39.128 sec

Magnetic Declination =	7.38°	[True North Offset]	
Local Gravity =	.9988 g	Checksum =	6615
Local Field Strength =	48596 nT	Magnetic Vector X =	23866 nT
Magnetic Dip =	60.32°	Magnetic Vector Y =	3091 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z =	42218 nT
Spud Date =	Dec 15, 2012	Magnetic Vector H =	24065 nT

Signed: _____

Date: _____

CONDITIONS OF APPROVAL

Sundry dated 11/06/2012.

OPERATOR'S NAME:	DEVON ENERGY
API NO.:	30-025-34440
WELL NAME & NO.:	GAUCHO Unit #7
SURFACE HOLE FOOTAGE:	1650' FSL & 1980' FWL Section 17
BOTTOM HOLE FOOTAGE:	330' FSL & 1980' FWL Section 20
LOCATION:	Section 17, T.22 S., R.34 E., NMPM
COUNTY:	Lea County, New Mexico

Original COA on sundry dated 05/24/2012 and approved June 15, 2012 still applies with the following changes:

New Casing

The minimum required fill of cement behind the **5-1/2** inch production casing is:

- ☒ Cement should tie-back at least **50 feet above the Capitan Reef** (Top of Capitan Reef estimated at 4193'). Operator shall provide method of verification. **Additional cement may be required to get cement top above the Capitan Reef**

Should operator have problems during the cement job, operator will be required to run a CBL and submit to BLM

EGF 111512