

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.

HOBBS OCD

5. Lease Serial No.
NMLC031670B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
892000321E

8. Well Name and No.
SEMU 253

9. API Well No.
30-025-42023-00-X1

10. Field and Pool, or Exploratory
SKAGGS

11. County or Parish, and State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

OCT 27 2014

RECEIVED

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CONOCOPHILLIPS COMPANY

Contact: SUSAN MAUNDER

E-Mail: Susan.B.Maunder@conocophillips.com

3a. Address

MIDLAND, TX 79710

3b. Phone No. (include area code)

Ph: 281-206-5281

Fx: 281-206-5745

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

Sec 19 T20S R38E Lot 1 299FNL 1119FWL
32.335407 N Lat, 103.113420 W Lon

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.)

ConocoPhillips Company respectfully requests approval to change our approved plans for this well. Drilling was running 5.5", 17", L-80 production casing on Friday night (10/10/14) and ended up dropping 1,500' of casing downhole. TD is 4237' MD.

We successfully fished 1,000' of casing out of hole with about 500' remaining in hole. However, our second attempt was not successful. Currently top of fish is at 3,710'. We are requesting BLM's approval to side track the well.

The permitted BHL is UL M, S18 ? T20S - R38E, 78' FSL and 1369' FWL. We plan on moving BHL 100' west of the original BHL. Our proposed sidetrack BHL will be UL M, S18 ? T20S - R38E, 78' FSL and 1269' FWL.

Submit new C-102

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #270773 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Hobbs
Committed to AFMSS for processing by CHRISTOPHER WALLS on 10/21/2014 (15CRW0012SE)**

Name (Printed/Typed) DEBORAH M UPSON

Title SENIOR REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 10/14/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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

BUREAU OF LAND MANAGEMENT

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

OCT 27-2014

Additional data for EC transaction #270773 that would not fit on the form

32. Additional remarks, continued

Attached Documents are the wellbore diagram and cement plug/sidetrack procedure.

This change has been discussed with BLM Engineer Mr. Walls via telephone and emails.

Thank you for your time spent reviewing our requested change.

SEMU 253 Kick-Off Plug and Sidetrack Contingency Procedure

Setting Balanced Plug:

- 1) RIH with 700' of 2-7/8" P-110 6.5# EUE x 4.5" G-105 16.60# XH DP to 3,670' MD.
- 2) Circulate BU and confirm no gas flow and well is stable.
- 3) Spot a 9 bbl – 10 ppg hi-vis pill (ideally YP>100) from 3,570' – 3,670' MD.
- 4) Immediately PU to 3,570 and circulate BU.
- 5) RU Schlumberger cement equipment.
- 6) At 3,570 MD, pump 20 bbls FW spacer, 36 bbls (215 sks) of 17.5 ppg cement, followed by 7.0 bbls FW spacer. Refer to attached kick-off plug cement proposal for reference.
- 7) Displace with 53.1 bbls FW. Confirm displacement with cementers using Baker Hughes balanced plug calculator to ensure plug is placed in a balance condition.
- 8) Immediately PU to a depth of 2,370' (Calc. TOC @ 2,870' MD) pulling joints at 30' – 35' per minute.
- 9) Displace hole with 10 ppg brine and circulate 2x BU at a rate of 5 BPM (to clean the DP).
- 10) PU inside surface casing shoe and circulate BU. Perform flow check.
- 11) TOO H with DP and LD plugging string.

Sidetracking the Well:

- 1) PU & RIH with sidetrack BHA detailed below to surface csg shoe. Circulate BU and WOC.

Component	Joints	Length	Cum Length
Rental DP – 4.5"	-	-	-
HWDP – 4.5"	6	180	454
DC – 6.25"	6	180	274
NMDC w/ MWD	2	60	94
UBHO Sub	1	3	34
Motor 2.12° bend 7/8 4.8 Slick	1	30	31
7.875" Insert Tri-Cone Bit (3 x 16's)	1	1	1

- 2) After 24 hour WOC time has passed, TIH to 2,870' and circulate BU.
- 3) RIH and tag top of plug at ~2,870' MD.
- 4) Dress top of cement until good cement is found, then begin sidetrack.
NOTE: Planned KOP is 3,100', but kicking off earlier is acceptable. Please refer to attached directional plan for reference.
- 5) Time drill with sidetrack BHA at planned azimuth until surveys indicate we have kicked-off and departed from original wellbore. Do not speed up ROP until we are sure we are off the plug.
- 6) Once departure from the original wellbore has been confirmed, TOO H and PU directional BHA that is referred to in the original individualdrilling procedure.
- 7) TIH and continue drilling to planned TD.

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SEMU Well No: 253
Project:	Lea County, New Mexico	TVD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Reference Site:	SEMU	MD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	SEMU Well No. 253	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Sidetrack 01	Database:	EDM 5000.1 Single User Db
Reference Design:	rev1	Offset TVD Reference:	Offset Datum

Reference	rev1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 9,999.98 usft	Error Surface:	Combined Covariances
Warning Levels Evaluated at:	2.79 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	10/13/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
1,441.00	2,933.00	MWD (Original Hole)	MWD	MWD - Standard	
2,933.00	4,248.05	rev1 (Sidetrack 01)			

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEMU						
SEMU Well No. 253 - Original Hole - Original Hole	2,933.00	2,933.00	0.00	0.00	10,000.000	CC
SEMU Well No. 253 - Original Hole - Original Hole	2,971.61	2,971.61	0.00	-0.27	0.000	Stop Drilling, SF
SEMU Well No. 253 - Original Hole - Original Hole	3,100.00	3,100.00	0.00	-1.16	0.001	Stop Drilling, ES

Offset Design		SEMU - SEMU Well No. 253 - Original Hole - Original Hole								Offset Site Error:		0.00 usft	
Survey Program:		1441-MWD								Offset Well Error:		0.00 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,933.00	2,912.86	2,933.00	2,912.86	0.00	0.00	0.00	179.99	141.54	0.00	0.00	0.00	N/A	CC
2,971.61	2,950.79	2,971.61	2,950.79	0.14	0.14	102.30	186.08	145.33	0.00	-0.27	0.27	0.000	Stop Drilling, SF
3,000.00	2,978.71	3,000.00	2,978.71	0.24	0.24	102.62	190.51	148.04	0.00	-0.47	0.47	0.000	Stop Drilling
3,100.00	3,077.13	3,100.00	3,077.13	0.59	0.60	103.80	205.74	157.11	0.00	-1.16	1.16	0.001	Stop Drilling, ES
3,200.00	3,175.44	3,199.97	3,175.63	0.95	0.94	-135.02	220.54	165.55	2.00	0.37	1.63	1.230	Take Immediate Action
3,300.00	3,273.31	3,299.78	3,274.04	1.35	1.28	-141.30	235.11	173.58	7.90	5.65	2.25	3.512	
3,350.50	3,322.52	3,350.12	3,323.65	1.57	1.46	-142.96	242.62	177.60	12.22	9.62	2.59	4.709	
3,400.00	3,370.69	3,399.43	3,372.21	1.78	1.64	-141.32	250.29	181.63	16.78	13.83	2.95	5.695	
3,500.00	3,468.00	3,499.09	3,470.15	2.22	2.00	-137.70	266.68	190.00	25.76	22.06	3.70	6.964	
3,600.00	3,565.30	3,598.73	3,567.85	2.67	2.39	-133.95	284.26	198.63	34.59	30.08	4.51	7.671	
3,700.00	3,662.61	3,698.47	3,665.46	3.12	2.78	-130.59	302.67	207.51	43.37	38.03	5.34	8.125	
3,800.00	3,759.92	3,798.41	3,763.47	3.57	3.17	-129.60	319.93	216.81	51.67	45.55	6.11	8.453	
3,900.00	3,857.23	3,898.40	3,861.72	4.02	3.53	-130.23	335.76	226.49	59.39	52.57	6.82	8.714	
4,000.00	3,954.53	3,998.40	3,960.14	4.48	3.89	-131.75	350.34	236.47	66.66	59.20	7.47	8.928	
4,100.00	4,051.84	4,098.06	4,058.29	4.94	4.25	-133.36	364.36	246.55	73.81	65.71	8.09	9.118	
4,200.00	4,149.15	4,197.70	4,156.37	5.39	4.61	-134.39	378.80	256.53	81.12	72.39	8.74	9.283	
4,248.15	4,196.00	4,237.00	4,195.06	5.62	4.75	-134.70	384.54	260.45	85.12	76.16	8.96	9.503	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SEMU Well No. 253
Project:	Lea County, New Mexico	TVD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Reference Site:	SEMU	MD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	SEMU Well No. 253	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Sidetrack 01	Database:	EDM 5000.1 Single User Db
Reference Design:	rev1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB=3544+13 @ 3557.00usft (PD 82

Coordinates are relative to: SEMU Well No. 253

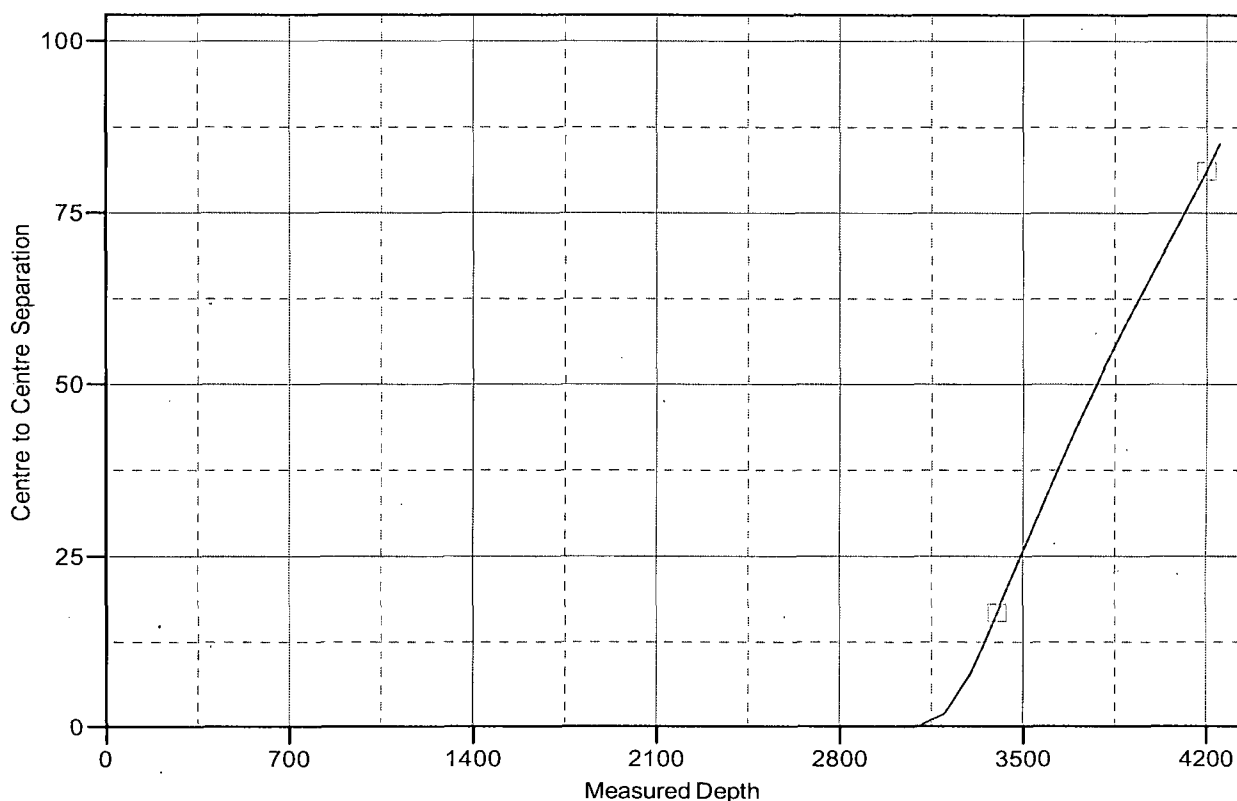
Offset Depths are relative to Offset Datum

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Central Meridian is 104° 19' 59.99999988 W

Grid Convergence at Surface is: 0.61°

Ladder Plot



LEGEND

Well No. 253, Original Hole, Original Hole V0

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SEMU Well No. 253
Project:	Lea County, New Mexico	TVD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Reference Site:	SEMU	MD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	SEMU Well No. 253	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at:	2.00 sigma
Reference Wellbore:	Sidetrack 01	Database:	EDM 5000.1 Single User Db
Reference Design:	rev1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB=3544+13 @ 3557.00usft (PD 82

Offset Depths are relative to Offset Datum

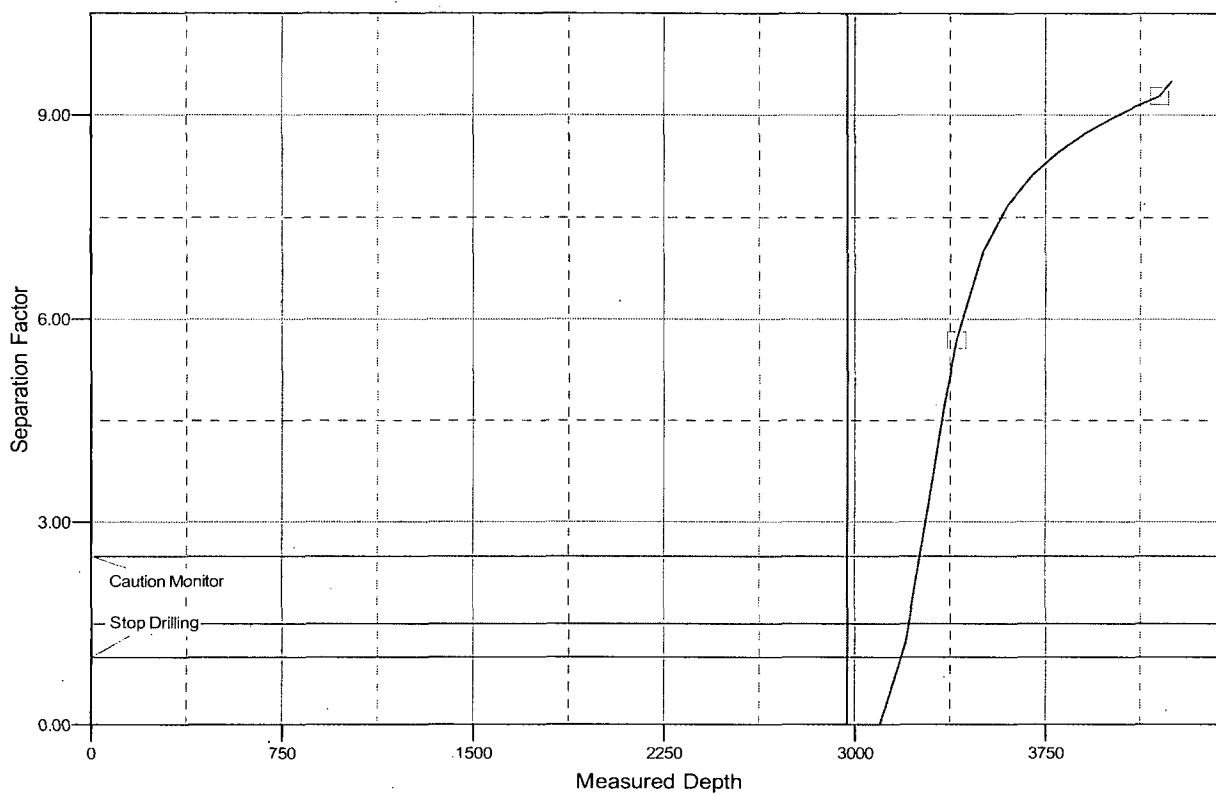
Central Meridian is 104° 19' 59.9999988 W

Coordinates are relative to: SEMU Well No. 253

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.61°

Separation Factor Plot

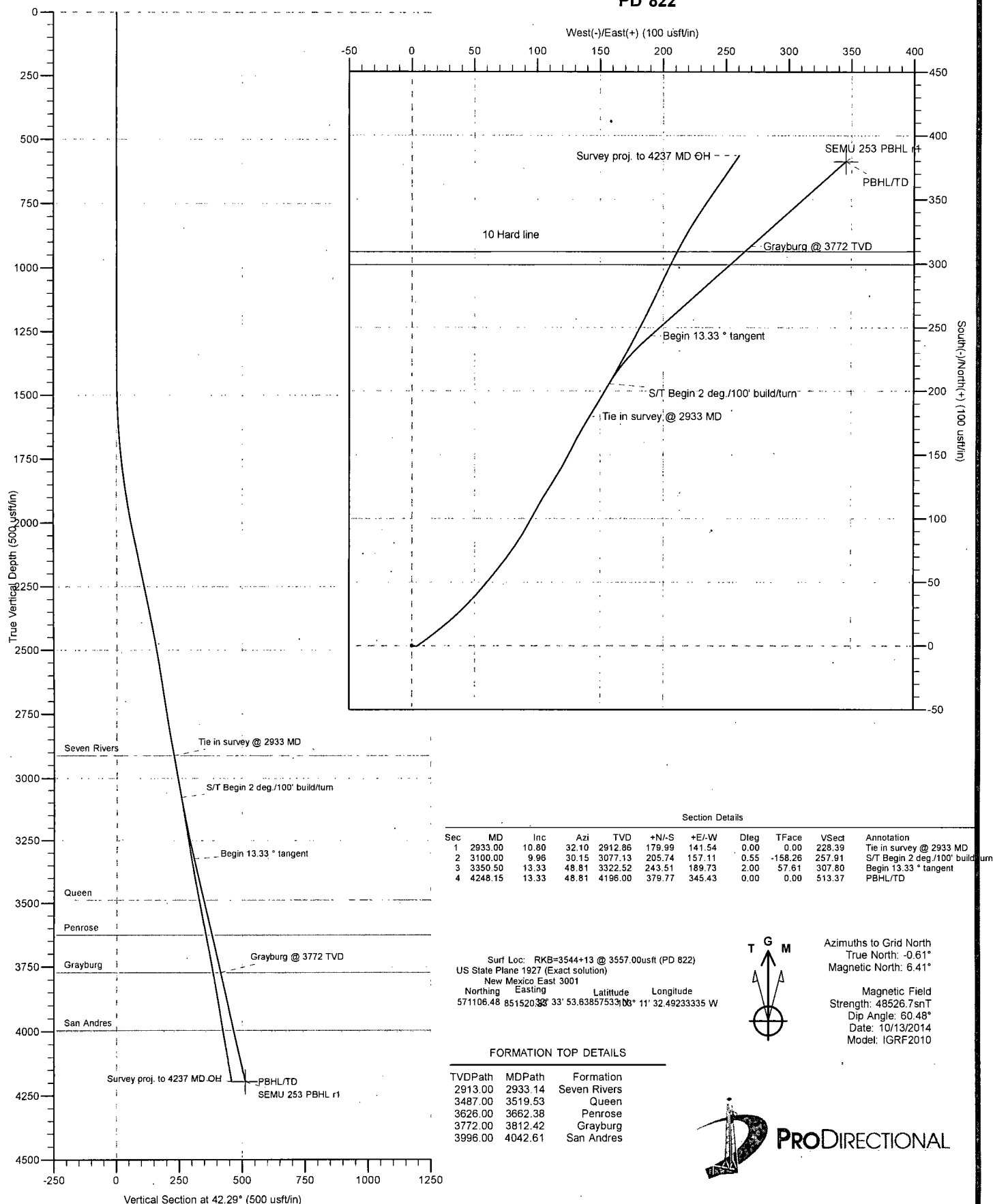


LEGEND

Well No. 253, Original Hole, Original Hole V0



ConocoPhillips
SEM U Well No. 253
SEM U
Lea County, New Mexico
rev1
PD 822



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SEMU Well No. 253
Company:	ConocoPhillips	TVD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Project:	Lea County, New Mexico	MD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Site:	SEMU	North Reference:	Grid
Well:	SEMU Well No. 253	Survey Calculation Method:	Minimum Curvature
Wellbore:	Sidetrack 01		
Design:	rev1		

Project	Lea County, New Mexico		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	SEMU		
Site Position:		Northing:	569,250.22 usft
From:	Map	Easting:	850,159.22 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 33' 35.41701335 N
		Longitude:	103° 11' 48.62456287 W
		Grid Convergence:	0.61 °

Well	SEMU Well No. 253, Surf Loc: 299 FNL 1119 FWL Sect 19		
Well Position	+N/-S	1,856.26 usft	Northing:
	+E/-W	1,361.01 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	Ground Level:
			3,544.00 usft

Wellbore	Sidetrack 01		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2010	10/13/2014	7.02
			Dip Angle
			(°)
			60.48
			Field Strength
			(nT)
			48,527

Design	rev1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			2,933.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			42.29

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
2,933.00	10.80	32.10	2,912.86	179.99	141.54	0.00	0.00	0.00	0.00	
3,100.00	9.96	30.15	3,077.13	205.74	157.11	0.55	-0.50	-1.17	-158.26	
3,350.50	13.33	48.81	3,322.52	243.51	189.73	2.00	1.34	7.45	57.61	
4,248.15	13.33	48.81	4,196.00	379.77	345.43	0.00	0.00	0.00	0.00	SEMU 253 PBHL r1

Database:	EDM 5000.1 Single User.Db	Local Co-ordinate Reference:	Well SEMU Well No: 253
Company:	ConocoPhillips	TVD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Project:	Lea County, New Mexico	MD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Site:	SEMU	North Reference:	Grid
Well:	SEMU Well No: 253	Survey Calculation Method:	Minimum Curvature
Wellbore:	Sidetrack 01		
Design:	rev1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
2,933.00	10.80	32.10	2,912.86	179.99	141.54	228.39	0.00	0.00	0.00
Tie in survey @ 2933 MD									
2,933.14	10.80	32.10	2,913.00	180.02	141.55	228.42	0.00	0.00	0.00
Seven Rivers									
3,000.00	10.46	31.35	2,978.71	190.51	148.04	240.54	0.55	-0.51	-1.11
3,100.00	9.96	30.15	3,077.13	205.74	157.11	257.91	0.55	-0.50	-1.20
S/T Begin 2 deg./100' build/turn									
3,200.00	11.16	38.91	3,175.44	220.75	167.53	276.02	2.00	1.20	8.76
3,300.00	12.56	45.86	3,273.31	235.85	181.41	296.54	2.00	1.40	6.96
3,350.50	13.33	48.81	3,322.52	243.51	189.73	307.80	2.00	1.52	5.83
Begin 13:33 ° tangent									
3,400.00	13.33	48.81	3,370.69	251.02	198.32	319.14	0.00	0.00	0.00
3,500.00	13.33	48.81	3,468.00	266.20	215.66	342.04	0.00	0.00	0.00
3,519.53	13.33	48.81	3,487.00	269.17	219.05	346.51	0.00	0.00	0.00
Queen									
3,600.00	13.33	48.81	3,565.30	281.38	233.01	364.94	0.00	0.00	0.00
3,662.38	13.33	48.81	3,626.00	290.85	243.83	379.22	0.00	0.00	0.00
Penrose									
3,700.00	13.33	48.81	3,662.61	296.56	250.35	387.84	0.00	0.00	0.00
3,800.00	13.33	48.81	3,759.92	311.74	267.70	410.74	0.00	0.00	0.00
3,812.42	13.33	48.81	3,772.00	313.63	269.85	413.58	0.00	0.00	0.00
Grayburg @ 3772 TVD - Grayburg									
3,900.00	13.33	48.81	3,857.23	326.92	285.04	433.64	0.00	0.00	0.00
4,000.00	13.33	48.81	3,954.53	342.10	302.39	456.54	0.00	0.00	0.00
4,042.61	13.33	48.81	3,996.00	348.57	309.78	466.30	0.00	0.00	0.00
San Andres									
4,100.00	13.33	48.81	4,051.84	357.28	319.73	479.44	0.00	0.00	0.00
4,200.00	13.33	48.81	4,149.15	372.46	337.08	502.34	0.00	0.00	0.00
4,248.15	13.33	48.81	4,196.00	379.77	345.43	513.37	0.00	0.00	0.00
PBHL/TD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
hit/miss target									
Shape									
SEMU 253 PBHL r1	0.00	0.00	4,196.00	379.77	345.43	571,486.25	851,865.66	2° 33' 57.35931412 N	3° 11' 28.40906950 W
- plan hits target center									
- Point									

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,933.14	2,913.00	Seven Rivers		0.00		
3,519.53	3,487.00	Queen		0.00		
3,662.38	3,626.00	Penrose		0.00		
3,812.42	3,772.00	Grayburg		0.00		
4,042.61	3,996.00	San Andres		0.00		

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SEMU Well No. 253
Company:	ConocoPhillips	TVD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Project:	Lea County, New Mexico	MD Reference:	RKB=3544+13 @ 3557.00usft (PD 822)
Site:	SEMU	North Reference:	Grid
Well:	SEMU Well No. 253	Survey Calculation Method:	Minimum Curvature
Wellbore:	Sidetrack 01		
Design:	rev1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,933.00	2,912.86	179.99	141.54	Tie in survey @ 2933 MD
3,100.00	3,077.13	205.74	157.11	S/T Begin 2 deg./100' build/turn
3,350.50	3,322.52	243.51	189.73	Begin 13.33 ° tangent
3,812.42	3,772.00	313.63	269.85	Grayburg @ 3772 TVD
4,248.15	4,196.00	379.77	345.43	PBHL/TD

SEMU 253 Wellbore Diagram

12-1/4" OH

8-5/8", 24#, J-55
Set @ 1,421 ft
Cmt to Surface

Kick Off Point @ 3,100 ft

Cement plug set from 2,870 ft to 3,570 ft.

7-7/8" Open Hole
TD @ 4,237 ft

Fish Description

Casing
5-1/2", 17#, L-80, STC
Length - 527'

Top of fish - 3,710 ft

Bottom of Fish - 4,237 ft

Tag fill @ 4,108 ft. which is 55 ft above shoe track.

