



May 26, 2016

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 29 2016

RECEIVED

Concho Resources, Inc.
One Concho Center
600 W. Illinois Avenue
Midland, Texas 79701

30-015-42759

Attn: Kanicia Castillo

RE: Burch Keely Unit No. 937H

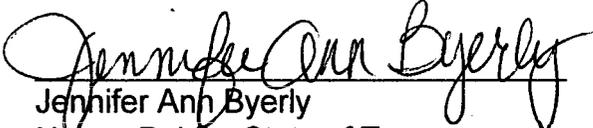
Please find enclosed a copy of the survey from 0' to 1015' ran on the above referenced well.

Sincerely,

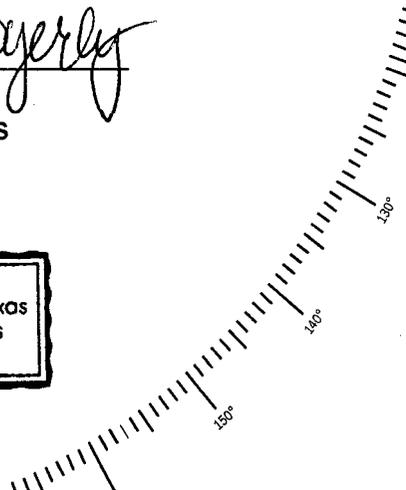
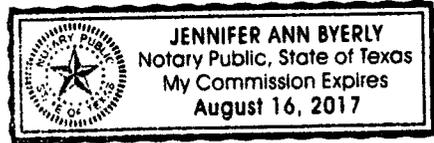
Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 26th day of May, A.D., 2016, by Keith Havelka.


Jennifer Ann Byerly
Notary Public, State of Texas

VES Survey International
P.O. Box 261021, Corpus Christi, Texas 78426
T (361) 767-0602 F (361) 767-0612
www.vessurvey.com

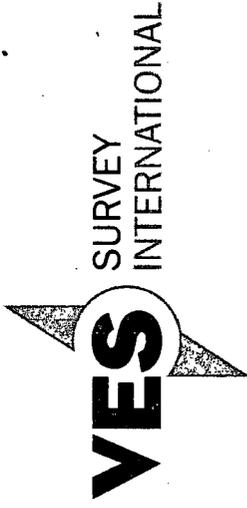




Company: Concho
 Lease/Well: Burch Keely Unit No./937H

Rig Name: Silver Oak 3
 State/County: New Mexico/Eddy
 VS-Azi: 0.00 Degrees

Latitude: 32.82809, Longitude: -104.03569
 Grid North = True North -0.16 degs (NAD 27)
 Grid Correction Applied = -0.16 degs



Depth Reference : RKB= 18

DRILLOG HA GYRO SURVEY CALCULATIONS
 Filename: burch keely unit 937h-de_01.ut
 Minimum Curvature Method
 Report Date/Time: 5/26/2016 / 14:35

VES Survey International
 Fort Worth, Texas
 Office 817-741-3610
 Surveyor: Gregg Wilson
 Burch Keely Unit No 937H / API 30-015-42759

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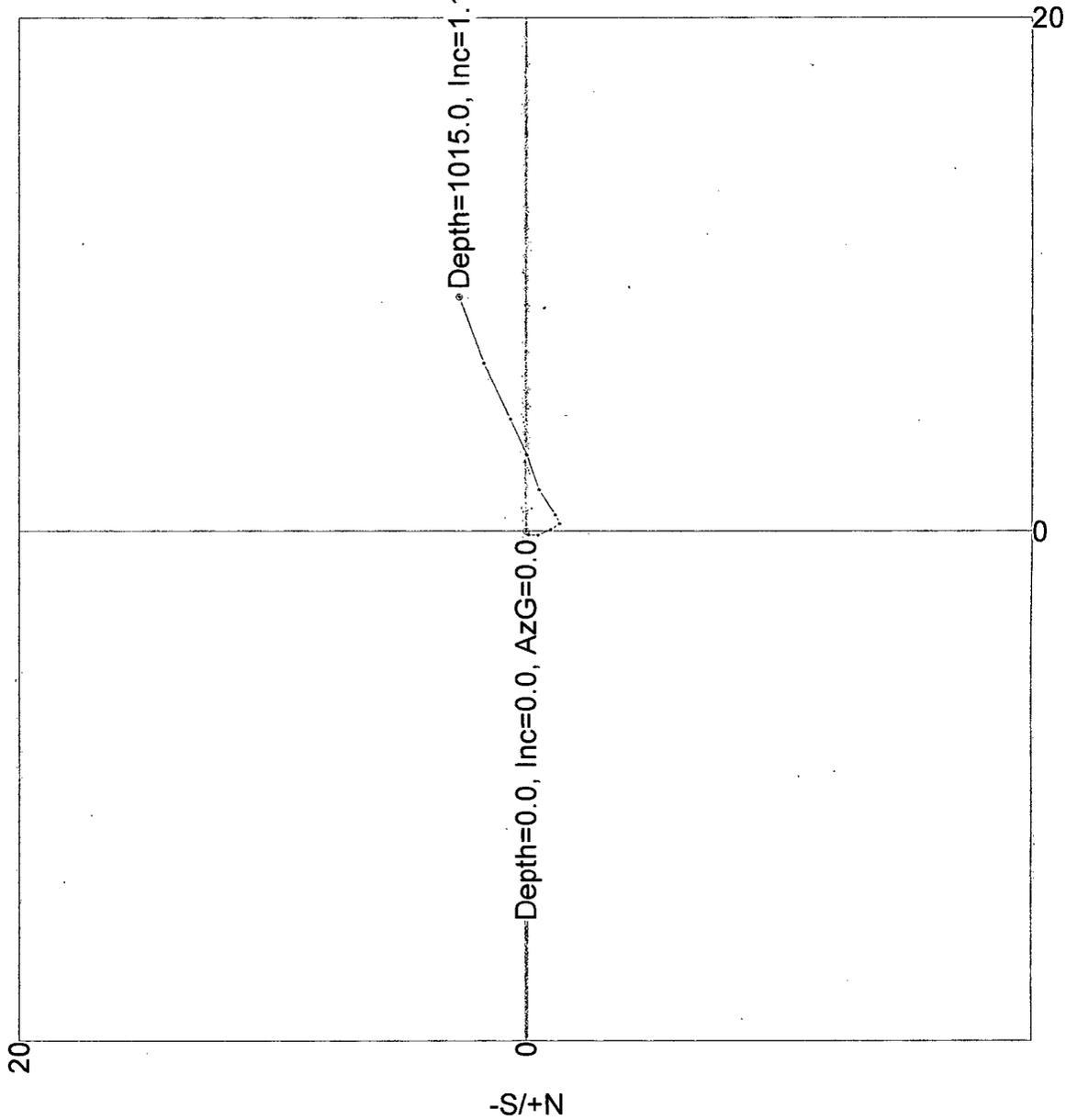
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.20	236.86	100.00	-0.09	-0.15	-0.09	0.17	236.86	0.20
200.00	0.35	155.55	200.00	-0.47	-0.16	-0.47	0.50	199.02	0.38
300.00	0.27	157.73	300.00	-0.97	0.05	-0.97	0.97	176.83	0.09
400.00	0.23	134.22	400.00	-1.32	0.29	-1.32	1.35	167.80	0.11
500.00	0.43	31.95	500.00	-1.15	0.63	-1.15	1.31	151.34	0.53
600.00	0.98	68.07	599.99	-0.51	1.62	-0.51	1.69	107.63	0.68
700.00	0.67	74.04	699.98	-0.03	2.97	-0.03	2.97	90.65	0.32
800.00	1.10	59.35	799.97	0.62	4.36	0.62	4.40	81.95	0.48
900.00	1.68	67.69	899.94	1.66	6.54	1.66	6.75	75.74	0.61
1015.00	1.08	72.02	1014.90	2.64	9.13	2.64	9.50	73.89	0.53



VES Survey International
Fort Worth, Texas
Office 817-741-3610
Surveyor: Gregg Wilson
Burch Keely Unit No 937H / API 30-015-42759

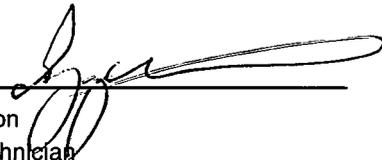


SURVEY
INTERNATIONAL





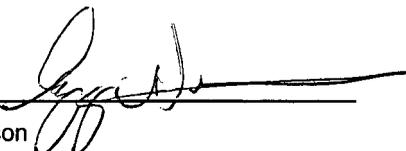
I Gregg Wilson certify that I am employed by VES Survey International. That I did on the day(s) of 05/21/16 through 05/21/16 conduct or supervise the taking of a Rate Gyro survey from a depth of 0.00 feet to a depth of 1,015.00 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Vaughn Energy Services, that I am authorized and qualified to make this report; that this survey was conducted at the request of Concho for the Burch Keely Unit Well # 937H API # 30-015-42759 in Eddy County / Parish New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by VES Survey International.



Gregg Wilson
Service Technician
VES Survey International



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Gregg Wilson
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