

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

RCVD APR 14 '14
OIL CONS. DIV.
DIST. 3

CONFIDENTIAL

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34755	*Pool Code 32870	*Pool Name HORSESHOE GALLUP
*Property Code 309598	*Property Name NE HOGBACK UNIT	*Well Number 74H
*OGRID No. 279508	*Operator Name CHUZA OIL COMPANY	*Elevation 5432'

¹⁰ Surface Location

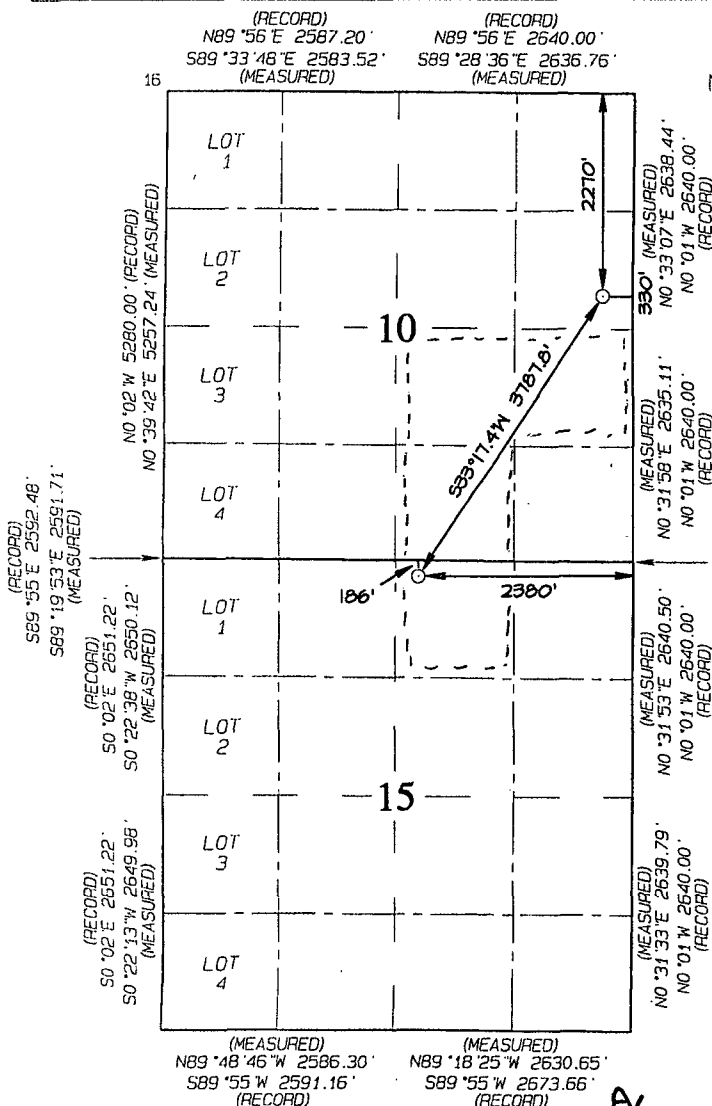
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	10	30N	16W		2270	NORTH	330	EAST	SAN JUAN

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
B	15	30N	16W		186	NORTH	2380	EAST	SAN JUAN

¹² Dedicated Acres 160: Section 10, Unit Letters I, J, O Section 15: Unit Letter B	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13607
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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



SURFACE LOCATION
2270' FNL, 330' FEL
SECTION 10, T30N, R16W
LAT: 36.82969°N
LONG: 108.50372°W
DATUM: NAD1927

LAT: 36.82969°N
LONG: 108.50436°W
DATUM: NAD1983

END-OF-LATERAL
186' FNL, 2380' FEL
SECTION 15, T30N, R16W
LAT: 36.82095°N
LONG: 108.51074°W
DATUM: NAD1927

LAT: 36.82095°N
LONG: 108.51138°W
DATUM: NAD1983

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Patrick Padilla* Date: 4-10-14
Printed Name: Patrick Padilla
E-mail Address: plpadilla@chuzaoil.com

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 Revised: FEBRUARY 28, 2014
Date Survey: JANUARY 31, 2014

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 27 2014

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.
NMNM-077281

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Chuza Oil Company

3a. Address
1000 Cordova Place #376, Santa Fe, NM 87505

3b. Phone No. (include area code)
505-690-7803

7. If Unit of CA/Agreement, Name and/or No.
NMNM-78403A

8. Well Name and No.
Northeast Hogback Unit #74H

9. API Well No.
30-045-34755

10. Field and Pool or Exploratory Area
32870 Horsehoe Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter H, 2270' FNL, 330' FEL
Sec. 10, T30N, R16W, NMPM

11. County or Parish, State
San Juan County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	as-drilled data
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Attached please find the final directional survey for this well.

OIL CONS. DIV DIST. 3

JUN 3 2014



CONFIDENTIAL

ACCEPTED FOR RECORD

APR 23 2014

FARMINGTON FIELD OFFICE
BY: TL Salinas

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Patrick Padilla

Title President, Chuza Oil Company

Signature

Date

2-27-14

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.

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.

(Instructions on page 2)

NMOCD

Chuza Oil Company

San Juan County, NM

Sec. 10-T30N-R16W

NE Hogback Unit #74

Plan D

Design: Sperry Final Surveys (Lateral)

Sperry Drilling Services Standard Report

27 January, 2014

Well Coordinates: 2,122,018.48 N, 2,526,710.32 E (36° 49' 46.88" N, 108° 30' 15.68" W)

Ground Level: 5,437.50 usft

Local Coordinate Origin:

Centered on Well NE Hogback Unit #74

Viewing Datum:

RKB 15' @ 5452.50usft (Aztec 711)

TVDs to System:

N

North Reference:

True

Unit System:

API - US Survey Feet - Custom

Geodetic Scale Factor Applied

Version: 5000.1 Build: 70

HALLIBURTON

SPERRY-SUN DRILLING SERVICES

CERTIFIED SURVEY WORK SHEET

OPERATOR:	Chuza Oil Company
WELL:	NE Hogback Unit #74
FIELD:	Hogback
RIG:	Aztec #711
LEGALS:	Sec 10 -T30N-R16W
COUNTY:	San Juan
STATE:	New Mexico
CAL. METHOD:	Min Curvature
MAG. DECL. APPLIED:	9.96
VERTICAL SEC. DIR. :	212.890

SSDS Job Number :	900930083
Start Date of Job :	11/29/2013
End Date of Job :	12/12/2013
Lead Directional Driller:	Levi George
Other SSDS DD's :	Robert Kanouff
SSDS MWD Engineers :	Alex Lamborn
	Greg Odonnell

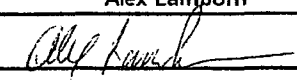
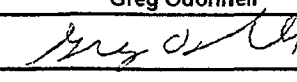
	Main Hole =====>	1st Side Track =====>	2nd Side Track =====>	3rd Side Track =====>	4th Side Track =====>
First Survey Depth	211.00	Tie On	824.00	Tie On	Tie On
Last Survey Depth	240.00		838.00		
KOP Depth/Sidetrack MD		KOP	860.00	KOP-ST1	KOP-ST2
First Survey Depth		MWD	961.00	MWD	MWD
Last Survey Depth	1732.00	MWD	4961.00	MWD	MWD
Bit Extrapolation to TD	1770.00	T.D.	5000.00	T.D.	T.D.

The following Sperry Sun Drilling Services personnel listed below, do certify the above survey information to be accurate :

Print Name : Levi George Print Name : Robert Kanouff Print Name : Tim Wheeler

Sign Name :  Sign Name :  Sign Name : 

Print Name : Alex Lamborn Print Name : Greg Odonnell Print Name : _____

Sign Name :  Sign Name :  Sign Name : _____

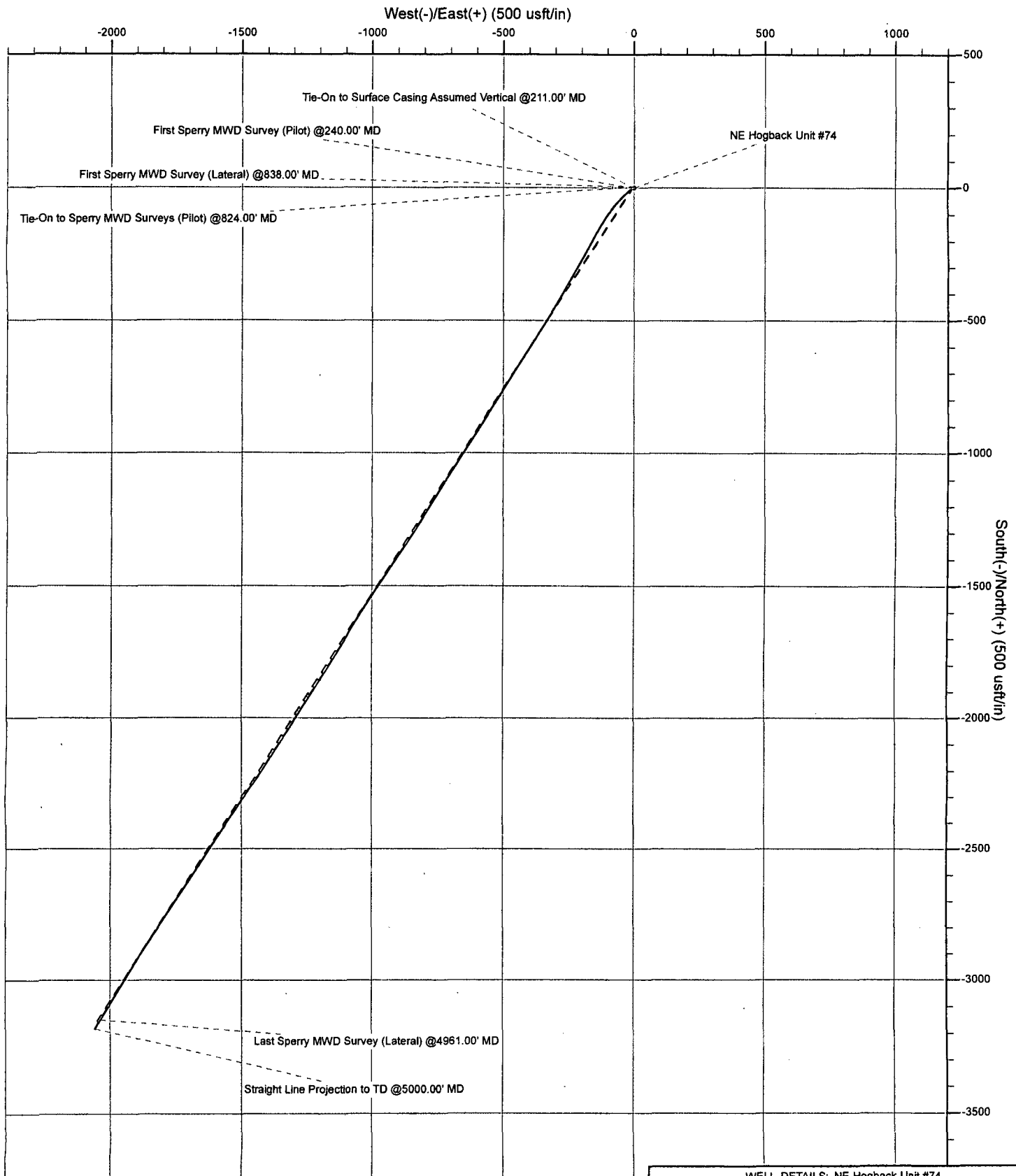
Examples of Survey Types:

TieOn	Tie On to Surface Casing (Assumed Vertical), Tie On to existing MWD Survey (prior drilled hole)
MWD	Sperry Sun Drilling Services (SSDS) Measurement While Drilling (MWD) Survey's
ESS	Sperry Sun Drilling Services (SSDS) Electronic Survey System (ESS) Survey's
Gyro	Gyro Survey's ; Provided by third party vendor, or by Sperry Sun Drilling Services (SSDS)
SS	Single Shot (SS) Survey's ; Provided by Sperry Sun Drilling Services (SSDS) or third party vendor.

Project: San Juan County, NM
 Site: Sec. 10-T30N-R16W
 Well: NE Hogback Unit #74
 Wellbore: Plan D
 Design: Sperry Final Surveys (Lateral)

Chuza Oil Company

HALL
 Sperry



WELL DETAILS: NE Hogback Unit #74				
Ground Level:			5437.50	
RKB 15' @ 5452.50usft (Aztec 711)				
Northing	Easting	Latitude	Longitude	
2122018.48	2526710.32	36° 49' 46.883 N	108° 30' 15.680 W	

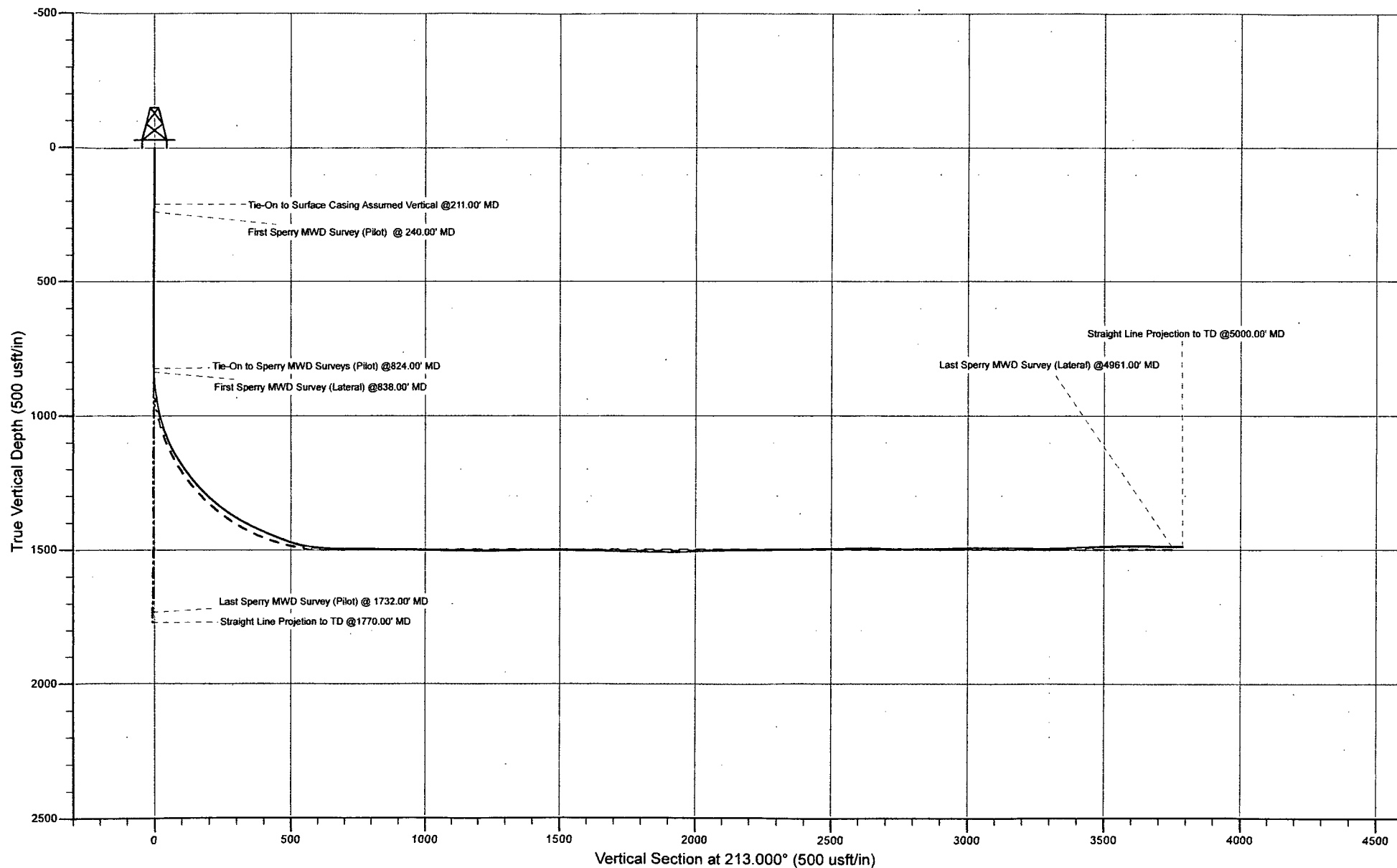
Project: San Juan County, NM
 Site: Sec. 10-T30N-R16W
 Well: NE Hogback Unit #74
 Wellbore: Plan D
 Design: Sperry Final Surveys (Lateral)

Chuza Oil Company



HALLIBURTON

Sperry Drilling



WELL DETAILS: NE Hogback Unit #74

Ground Level:		5437.50	
RKB 15' @ 5452.50usft (Aztec 711)			
North	East	Latitude	Longitude
2122018.48	2526710.32	36° 49' 46.883 N	108° 30' 15.680 W

Design Report for NE Hogback Unit #74 - Sperry Final Surveys (Lateral)

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00
15.00	0.00	0.000	15.00	0.00	0.00	0.00	0.00
211.00	0.00	0.000	211.00	0.00	0.00	0.00	0.00
Tie-On to Surface Casing Assumed Vertical @211.00' MD							
240.00	0.36	358.200	240.00	0.09	0.00	-0.07	1.24
First Sperry MWD Survey (Pilot) @240.00' MD							
301.00	0.21	5.400	301.00	0.39	0.00	-0.33	0.25
362.00	0.61	330.510	362.00	0.79	-0.15	-0.58	0.74
422.00	1.16	337.820	421.99	1.63	-0.53	-1.07	0.93
482.00	0.74	321.500	481.98	2.49	-1.00	-1.54	0.83
575.00	1.18	313.600	574.97	3.62	-2.07	-1.91	0.49
637.00	0.37	302.920	636.96	4.17	-2.70	-2.03	1.32
699.00	0.64	137.900	698.96	4.03	-2.64	-1.94	1.62
761.00	0.44	116.180	760.96	3.66	-2.19	-1.88	0.46
824.00	0.14	59.500	823.96	3.60	-1.91	-1.98	0.61
Tie-On to Sperry MWD Surveys (Pilot) @824.00' MD							
838.00	0.56	249.390	837.96	3.58	-1.96	-1.94	4.99
First Sperry MWD Survey (Lateral) @838.00' MD							
961.00	11.73	231.260	960.06	-4.48	-12.31	10.46	9.10
991.00	13.87	229.510	989.31	-8.72	-17.42	16.80	7.25
1,022.00	16.13	226.430	1,019.25	-14.11	-23.37	24.56	7.73
1,052.00	19.06	225.410	1,047.85	-20.42	-29.88	33.40	9.82
1,082.00	22.22	225.520	1,075.92	-27.83	-37.41	43.72	10.53
1,113.00	25.25	225.000	1,104.29	-36.62	-46.27	55.91	9.80
1,144.00	27.73	222.390	1,132.04	-46.62	-55.81	69.50	8.84
1,173.00	30.21	221.680	1,157.41	-57.06	-65.21	83.37	8.63
1,203.00	33.00	221.030	1,182.96	-68.86	-75.60	98.92	9.37
1,234.00	35.76	219.000	1,208.54	-82.27	-86.84	116.29	9.64
1,264.00	37.79	215.080	1,232.57	-96.61	-97.64	134.20	10.34
1,294.00	40.38	212.760	1,255.86	-112.30	-108.19	153.11	9.91
1,324.00	43.39	212.530	1,278.19	-129.17	-118.99	173.14	10.05
1,355.00	46.40	211.380	1,300.15	-147.73	-130.56	195.01	10.06
1,385.00	48.57	208.570	1,320.42	-166.89	-141.60	217.09	10.00
1,416.00	51.47	207.750	1,340.34	-187.83	-152.81	240.75	9.57
1,446.00	54.44	208.540	1,358.41	-208.94	-164.10	264.61	10.12
1,476.00	57.93	209.160	1,375.10	-230.77	-176.13	289.46	11.76
1,507.00	60.86	209.590	1,390.88	-254.01	-189.22	316.09	9.53
1,536.00	62.80	209.460	1,404.57	-276.26	-201.82	341.61	6.70
1,566.00	64.41	209.930	1,417.91	-299.60	-215.13	368.43	5.55
1,596.00	65.55	209.680	1,430.60	-323.19	-228.64	395.57	3.87
1,628.00	67.36	209.950	1,443.38	-348.64	-243.23	424.86	5.71
1,659.00	68.44	209.330	1,455.04	-373.60	-257.43	453.54	3.95
1,691.00	69.88	209.760	1,466.43	-399.62	-272.18	483.39	4.67
1,722.00	73.03	209.910	1,476.28	-425.11	-286.80	512.73	10.17
1,753.00	77.75	211.450	1,484.10	-450.90	-302.10	542.69	15.97
1,784.00	81.95	212.140	1,489.56	-476.83	-318.18	573.19	13.72
1,816.00	84.99	212.610	1,493.20	-503.68	-335.20	604.98	9.61
1,848.00	86.74	212.660	1,495.51	-530.55	-352.41	636.90	5.47
1,879.00	89.13	212.620	1,496.63	-556.64	-369.12	667.87	7.71
1,933.00	89.63	212.950	1,497.21	-602.03	-398.36	721.87	1.11

Design Report for NE Hogback Unit #74 - Sperry Final Surveys (Lateral)

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)
1,995.00	90.03	211.920	1,497.39	-654.36	-431.61	783.87	1.78
2,057.00	89.50	212.150	1,497.65	-706.92	-464.50	845.86	0.93
2,118.00	89.73	211.320	1,498.06	-758.80	-496.58	906.84	1.41
2,179.00	88.79	212.410	1,498.85	-810.60	-528.78	967.82	2.36
2,241.00	88.83	213.460	1,500.13	-862.62	-562.48	1,029.81	1.69
2,302.00	88.56	212.680	1,501.52	-913.73	-595.76	1,090.79	1.35
2,363.00	88.92	213.090	1,502.86	-964.94	-628.87	1,151.77	0.89
2,424.00	90.44	212.760	1,503.21	-1,016.14	-662.02	1,212.77	2.55
2,487.00	91.14	212.670	1,502.34	-1,069.14	-696.07	1,275.76	1.12
2,549.00	91.24	211.650	1,501.05	-1,121.62	-729.06	1,337.74	1.65
2,612.00	90.77	211.830	1,499.94	-1,175.19	-762.20	1,400.72	0.80
2,676.00	90.10	212.540	1,499.46	-1,229.35	-796.29	1,464.71	1.53
2,738.00	88.66	213.000	1,500.13	-1,281.48	-829.84	1,526.70	2.44
2,801.00	88.76	214.390	1,501.55	-1,333.88	-864.79	1,589.68	2.21
2,863.00	88.59	213.550	1,502.98	-1,385.28	-899.42	1,651.65	1.38
2,957.00	88.66	213.990	1,505.24	-1,463.40	-951.65	1,745.62	0.47
3,020.00	90.10	213.490	1,505.92	-1,515.78	-986.64	1,808.61	2.42
3,083.00	88.12	212.100	1,506.90	-1,568.73	-1,020.76	1,871.60	3.84
3,146.00	91.61	212.190	1,507.05	-1,622.07	-1,054.27	1,934.58	5.54
3,209.00	92.32	210.770	1,504.89	-1,675.76	-1,087.15	1,997.52	2.52
3,272.00	91.75	211.850	1,502.65	-1,729.55	-1,119.87	2,060.45	1.94
3,333.00	90.34	212.230	1,501.54	-1,781.25	-1,152.23	2,121.43	2.39
3,409.00	90.30	211.900	1,501.11	-1,845.65	-1,192.57	2,197.42	0.44
3,441.00	90.24	211.880	1,500.96	-1,872.82	-1,209.48	2,229.41	0.20
3,504.00	90.67	213.090	1,500.46	-1,925.96	-1,243.31	2,292.41	2.04
3,566.00	90.94	212.410	1,499.59	-1,978.10	-1,276.85	2,354.40	1.18
3,627.00	90.47	212.830	1,498.84	-2,029.48	-1,309.73	2,415.39	1.03
3,689.00	91.38	213.750	1,497.84	-2,081.30	-1,343.75	2,477.38	2.09
3,750.00	91.11	214.160	1,496.51	-2,131.88	-1,377.82	2,538.36	0.80
3,811.00	90.94	213.740	1,495.42	-2,182.47	-1,411.88	2,599.34	0.74
3,872.00	87.51	213.310	1,496.25	-2,233.31	-1,445.56	2,660.32	5.67
3,933.00	88.62	214.110	1,498.31	-2,284.03	-1,479.39	2,721.28	2.24
3,994.00	90.34	213.310	1,498.86	-2,334.77	-1,513.25	2,782.27	3.11
4,055.00	91.11	213.370	1,498.09	-2,385.72	-1,546.77	2,843.27	1.27
4,116.00	90.87	213.140	1,497.03	-2,436.73	-1,580.21	2,904.26	0.54
4,177.00	91.21	212.770	1,495.93	-2,487.90	-1,613.39	2,965.25	0.82
4,237.00	90.67	212.580	1,494.94	-2,538.40	-1,645.78	3,025.24	0.95
4,298.00	89.83	212.320	1,494.68	-2,589.87	-1,678.51	3,086.23	1.44
4,360.00	89.73	213.140	1,494.91	-2,642.03	-1,712.03	3,148.23	1.33
4,421.00	89.16	214.140	1,495.50	-2,692.81	-1,745.82	3,209.22	1.89
4,481.00	89.63	214.400	1,496.14	-2,742.39	-1,779.60	3,269.20	0.90
4,543.00	91.78	213.320	1,495.38	-2,793.87	-1,814.14	3,331.19	3.88
4,604.00	92.62	212.950	1,493.03	-2,844.91	-1,847.46	3,392.14	1.50
4,665.00	92.32	212.340	1,490.40	-2,896.23	-1,880.34	3,453.08	1.11
4,726.00	91.81	211.990	1,488.21	-2,947.83	-1,912.79	3,514.04	1.01
4,786.00	90.67	212.110	1,486.91	-2,998.67	-1,944.62	3,574.01	1.91
4,848.00	89.46	211.540	1,486.84	-3,051.35	-1,977.31	3,636.00	2.16
4,909.00	88.76	211.910	1,487.79	-3,103.23	-2,009.39	3,696.98	1.30
4,961.00	89.60	211.220	1,488.53	-3,147.53	-2,036.60	3,748.95	2.09
Last Sperry MWD Survey (Lateral) @4961.00' MD							
5,000.00	89.60	211.220	1,488.80	-3,180.88	-2,056.82	3,787.94	0.00

Design Report for NE Hogback Unit #74 - Sperry Final Surveys (Lateral)

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)
Straight Line Projection to TD @5000.00' MD							

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
211.00	211.00	0.00	0.00	Tie-On to Surface Casing Assumed Vertical @211.00' MD
240.00	240.00	0.09	0.00	First Sperry MWD Survey (Pilot) @240.00' MD
824.00	823.96	3.60	-1.91	Tie-On to Sperry MWD Surveys (Pilot) @824.00' MD
838.00	837.96	3.58	-1.96	First Sperry MWD Survey (Lateral) @838.00' MD
4,961.00	1,488.53	-3,147.53	-2,036.60	Last Sperry MWD Survey (Lateral) @4961.00' MD
5,000.00	1,488.80	-3,180.88	-2,056.82	Straight Line Projection to TD @5000.00' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (usft)	Origin +E/-W (usft)	Start TVD (usft)
User	No Target (Freehand)	213.000	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
15.00	211.00	Surface Casing Assumed Vertical	Assumed Vertical (NO Surveys)
240.00	824.00	Sperry MWD Surveys (Pilot)	MWD
838.00	5,000.00	Sperry MWD Surveys Build & Lateral	MWD

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
NE Hogback Unit #74_	0.00	0.00	15.00	0.00	0.00	2,122,018.48	2,526,710.32	36° 49' 46.883 N	108° 30' 15.680 W
- hit/miss target									
- Shape									
- actual wellpath hits target center									
- Point									
NE Hogback Unit #74_	0.00	0.00	1,500.00	-3,151.93	-2,046.88	2,118,881.13	2,524,641.43	36° 49' 15.717 N	108° 30' 40.854 W
- actual wellpath misses target center by 16.02usft at 4961.00usft MD (1488.53 TVD, -3147.53 N, -2036.60 E)									
- Point									

North Reference Sheet for Sec. 10-T30N-R16W - NE Hogback Unit #74 - Plan D

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to RKB 15' @ 5452.50usft (Aztec 711). Northing and Easting are relative to NE Hogback Unit #74

Coordinate System is US State Plane 1983, New Mexico Western Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is 107° 50' 0.000 W°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 0° 0' 0.000 N°

False Easting: 2,723,091.67usft, False Northing: 0.00usft, Scale Reduction: 0.99996079

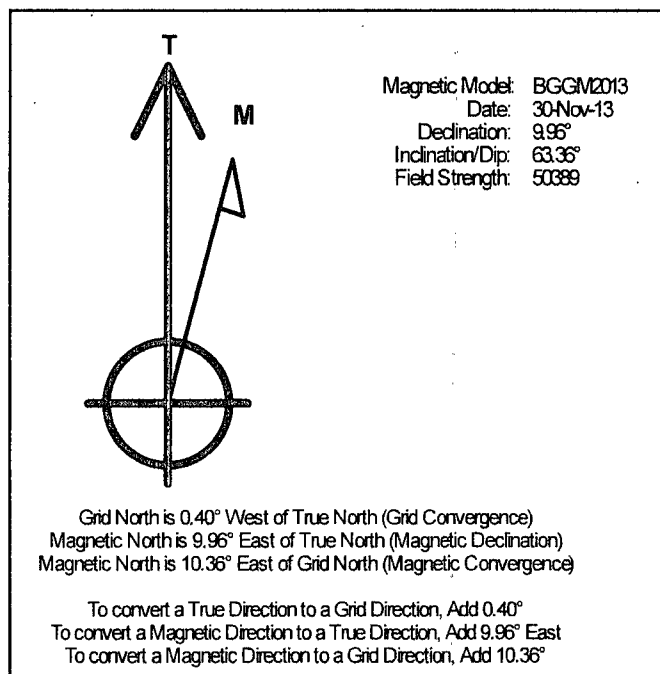
Grid Coordinates of Well: 2,122,018.48 usft N, 2,526,710.32 usft E

Geographical Coordinates of Well: 36° 49' 46.88" N, 108° 30' 15.68" W

Grid Convergence at Surface is: -0.40°

Based upon Minimum Curvature type calculations, at a Measured Depth of 5,000.00usft
the Bottom Hole Displacement is 3,787.94usft in the Direction of 212.89° (True).

Magnetic Convergence at surface is: -10.36° (30 November 2013, , BGGM2013)



District I
1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., 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 & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Chuzo Oil Company 1000 Cordova Place #376 Santa Fe, NM 87505		² OGRID Number 279508
		³ Reason for Filing Code/ Effective Date Test Allowable - Oil
⁴ API Number 30 - 045-34755	⁵ Pool Name Horseshoe Gallup	⁶ Pool Code 32870
⁷ Property Code 309598	⁸ Property Name Northeast Hogback Unit	⁹ Well Number 74H

II. ¹⁰ Surface Location

UL or lot no. H	Section 10	Township 30N	Range 16W	Lot Idn	Feet from the 2270	North/South Line North	Feet from the 330	East/West line East	County San Juan
--------------------	---------------	-----------------	--------------	---------	-----------------------	------------------------------	----------------------	------------------------	--------------------

¹¹ Bottom Hole Location

UL or lot no. B	Section 15	Township 30N	Range 16W	Lot Idn	Feet from the 186	North/South line North	Feet from the 2380	East/West line East	County San Juan
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
304424	Associated Energy Services 2105 City West Blvd, Ste 100, Houston, TX 77042	O
266533	Pacer Energy Marketing 823 South Detroit Ave, Tulsa, OK 74120	O
		RCVD APR 2 '14
	CONFIDENTIAL	OIL CONS. DIV.

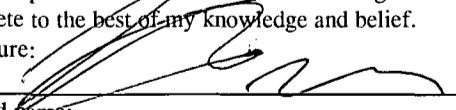
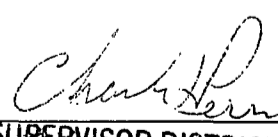
DIST. 3

IV. Well Completion Data

²¹ Spud Date 11/29/13	²² Ready Date ~ 4/15/14 25	²³ TD 5000'	²⁴ PBTD 5000' MD/TVD	²⁵ Perforations Top: -1,850' MD Bottom: -4,975' MD	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8", 40.0#, J-55	211'	130sx		
8 3/4"	5 1/2", 17.0#, N-80	5000'	1220sx		
	2 7/8", 6.4#, J-55	Not yet			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 	OIL CONSERVATION DIVISION Approved by:  4-17-2014 Title: SUPERVISOR DISTRICT # 3 Approval Date: APR 17 2014
Printed name: Patrick Padilla Title: President, Chuzo Oil Company E-mail Address: PLPADILLA@CHUZOIL.COM Date: 4-1-14 Phone: 505-690-7803	

4-17-14 Verbal request from Patrick to change ready date from 4-15 to 4-25-14.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

APR 14 2014

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Chuza Oil Company

3a. Address
1000 Cordova Place #376, Santa Fe, NM 87505

3b. Phone No. (include area code)
505-690-7803

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: Unit Letter H, 2270' FNL, 330' FEL
Sec. 10, T30N, R16W, NMPM
BHL: Unit Letter B, 186' FNL, 2380' FEL
Sec. 15, T30N, R16W, NMPM

5. Lease Serial No.
NMNM-077281

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.
NMNM-78403A

8. Well Name and No.
Northeast Hogback Unit #74H

9. API Well No.
30-045-34755

10. Field and Pool or Exploratory Area
32870 Horseshoe Gallup

11. County or Parish, State
San Juan County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	change in horizontal
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	azimuth

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 recompleate 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The Northeast Hogback Unit #74H was originally designed with an azimuth of $\pm 220^\circ$. Upon review prior to drilling by the directional drilling services of Halliburton/Sperry, the azimuth was changed to $\pm 213^\circ$ to avoid intersecting existing wellbores in or near the projected trajectory of the horizontal portion of this well. The entirety of the well is within the boundaries of the Northeast Hogback Unit, and all spacing requirements as outlined in New Mexico Oil Conservation Division Order R-13607 have been adhered to in full.

OIL CONS. DIV DIST. 3

APR 25 2014

ACCEPTED FOR RECORD

APR 23 2014

FARMINGTON FIELD OFFICE
BY: TL Salazar

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Patrick Padilla

Title President, Chuza Oil Company

Signature

Date

4-11-14

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

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.

(Instructions on page 2)

NMOCDAV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

JUN 04 2014

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 and management.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. M-077281
2. Name of Operator Chuzo Oil Company		6. If Indian, Allottee or Tribe Name
3a. Address 1000 Cordova Place #376, Santa Fe, NM 87505	3b. Phone No. (include area code) 505-690-7803	7. If Unit of CVA Agreement, Name and/or No. NMNM-78403A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: Unit Lessor H, 2270' ENL, 330' FEL Sec. 10, T30N, R16W, NMPM		8. Well Name and No. Northeast Hogback Unit #74H
BHL: Unit Lessor B, 186' ENL, 2380' FEL Sec. 15, T30N, R16W, NMPM		9. API Well No. 30-045-34755
10. Field and Pool or Exploratory Area 32870 Horseshoe Gallup		11. County or Parish, State San Juan County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	completion data
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back			

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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Attached please find completion details for this well on an individual stage basis.

OIL CONS. DIV DIST. 3

JUN 17 2014

CONFIDENTIAL

ACCEPTED FOR RECORD

JUN 04 2014

FARMINGTON FIELD OFFICE
BY: JL Salazar

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Patrick Padilla

Title President, Chuzo Oil Company

Signature

Date 06/04/2014

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	

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.

(Instructions on page 2)

NMOCDA

Northeast Hogback Unit #74H Completions Summary : API 30-045-34755

Total

12,383.8 bbls of Treating Fluid (GW-27' 20 PPT)

11,984 Mscf of Nitrogen

2,750,434 pounds of 20/40 Brown Sand

Stage 1

Perfs 4867' - 4884'

106 bbls of Treating Fluid

0 scf of Nitrogen

0 pounds of 20/40

Perforating/Plug tool was stuck in the RSI. Set plug at 4884' and all shots fired to avoid leaving live guns in the hole

Stage 2

Perfs 4596' - 4757'

837 bbls of Treating Fluid

877 Mscf of Nitrogen

202,620 pounds of 20/40

Stage 3

Perfs 4379' - 4541'

1,144.3 bbls of Treating Fluid

886 Mscf of Nitrogen

199,900 pounds of 20/40

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Stage 4

Perfs 4163' - 4328'

666 bbls of Treating Fluid

824 Mscf of Nitrogen

187,533 pounds of 20/40

Stage 5

Perfs 3950' - 4100'

731 bbls of Treating Fluid

731,000 Mscf of Nitrogen

211,953 pounds of 20/40

Stage 6

Perfs 3740' - 3886'

746 bbls of Treating Fluid

902 Mscf of Nitrogen
218,577 pounds of 20/40

Stage 7 Perfs 3510-3677
696.3 bbls of Treating Fluid
830 Mscf of Nitrogen
198,491 pounds of 20/40

Stage 8 Perfs 3299-3461
709.8 bbls of Treating Fluid
879 Mscf of Nitrogen
203,712 pounds of 20/40

Stage 9 Perfs 3083-3245
724.6 bbls of Treating Fluid
867 Mscf of Nitrogen
208,711 pounds of 20/40

Stage 10 Perfs 2867-3029
1046 bbls of Treating Fluid
883 Mscf of Nitrogen
196,354 pounds of 20/40

Stage 11 Perfs 2651-2815
1006 bbls of Treating Fluid
872 Mscf of Nitrogen
195,496 pounds of 20/40

Stage 12 Perfs 2440-2588
1029 bbls of Treating Fluid
832 Mscf of Nitrogen
188,316 pounds of 20/40

Stage 13 Perfs 2211-2381
997.5 bbls of Treating Fluid
885 Mscf of Nitrogen
196,382 pounds of 20/40

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Stage 14 Perfs 2000-2165
1026 bbls of Treating Fluid
948 Mscf of Nitrogen
187,866 pounds of 20/40

Stage 15 Perfs 1787-1949
917.6 bbls of Treating Fluid
924 Mscf of Nitrogen
154,523 pounds of 20/40

RU flowback crew, MIRU completion unit and drill out plugs to 4884'.

Run 2-7/8" 6.5# J-55 tubing to 1791'. Run pump and rods.

CONFIDENTIAL

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Chuza Oil Company 1000 Cordova Place #376 Santa Fe, NM 87505		² OGRID Number 279508
		³ Reason for Filing Code/ Effective Date New Well - Oil
⁴ API Number 30 - 045-34755	⁵ Pool Name Horseshoe Gallup	⁶ Pool Code 32870
⁷ Property Code 309598	⁸ Property Name Northeast Hogback Unit	⁹ Well Number 74H

II. ¹⁰ Surface Location

UL or lot no. H	Section 10	Township 30N	Range 16W	Lot Idn	Feet from the 2270'	North/South Line North	Feet from the 330	East/West line East	County San Juan
--------------------	---------------	-----------------	--------------	---------	------------------------	------------------------------	----------------------	------------------------	--------------------

¹¹ Bottom Hole Location

UL or lot no. B	Section 15	Township 30N	Range 16W	Lot Idn	Feet from the 177'	North/South line North	Feet from the 2387'	East/West line East	County San Juan
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date N/A	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
304424	21 DENIED	O
266533		O
	823 South Detroit Ave, Tulsa, OK 74120	
	OIL CONS. DIV DIST. 3	
	JUN 3 2014	

IV. Well Completion Data

²¹ Spud Date 11/29/13	²² Ready Date 5/22/2014	²³ TD 5000' MD/ 1489' TVD	²⁴ PBTD 4953' MD/ 1489' TVD	²⁵ Perforations Top: 1,787' MD Bottom: 4,884' MD	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8", 40.0#, J-55	211'	130sx		
8 3/4"	5 1/2", 17#, N-80	5000'	1220sx		
	2 7/8", 6.5#, J-55	1791'			

V. Well Test Data

³¹ Date New Oil 5/21/14	³² Gas Delivery Date N/A	³³ Test Date 5/22/2014	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure 35 psi	³⁶ Csg. Pressure 100 psi
³⁷ Choke Size 2"	³⁸ Oil 56 bbls	³⁹ Water 193 bbls	⁴⁰ Gas N/A		⁴¹ Test Method Pumping

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Patrick Padilla

Title:

President, Chuza Oil Company

E-mail Address:

plpadilla@chuzaoil.com

Date:

06/02/2014

Phone:

505-690-7803

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

DENIED

BY: Amy Vermersch

DATE: 6-12-14 (505) 334-6178 Ext 113

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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State of New Mexico
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II. ¹⁰ Surface Location

Ul or lot no. H	Section 10	Township 30N	Range 16W	Lot Idn	Feet from the 2270'	North/South Line North	Feet from the 330	East/West line East	County San Juan
--------------------	---------------	-----------------	--------------	---------	------------------------	---------------------------	----------------------	------------------------	--------------------

¹¹ Bottom Hole Location

UL or lot no. B	Section 15	Township 30N	Range 16W	Lot Idn	Feet from the 186'	North/South line North	Feet from the 2380'	East/West line South	County San Juan
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date N/A	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

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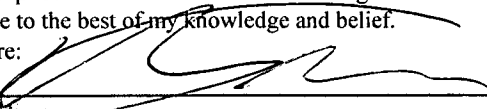
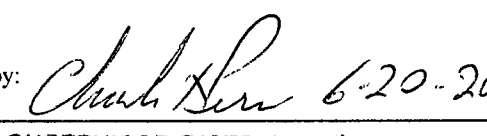
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
304424	Associated Energy Services 2105 City West Blvd, Ste 100, Houston, TX 77042	O
266533	Pacer Energy Marketing 823 South Detroit Ave, Tulsa, OK 74120	O
OIL CONS. DIV DIST. 3		
JUN 13 2014		
CONFIDENTIAL		

IV. Well Completion Data

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²⁷ Hole Size 12 1/4"	²⁸ Casing & Tubing Size 9 5/8", 40.0#, J-55	²⁹ Depth Set 211'	³⁰ Sacks Cement 130sx		
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⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Patrick Padilla		Approved by:  6-20-2014	
Title: President, Chuza Oil Company		Title: SUPERVISOR DISTRICT # 3	
E-mail Address: plpadilla@chuzaoil.com		Approval Date: JUN 20 2014	
Date: 06/02/2014	Phone: 505-690-7803		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 03 2014

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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☒ Oil Well ☐ Gas Well ☐ Other

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SHL: Unit Letter H, 2270' FNL, 330' FEL
Sec. 10, T30N, R16W, NMPM
BHL: Unit Letter B, 186' FNL, 2380' FEL
Sec. 15, T30N, R16W, NMPM

5. Lease Serial No.
NMNM-077281

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.
NMNM-78403A

8. Well Name and No.
Northeast Hogback Unit #74H

9. API Well No.
30-045-34755

10. Field and Pool or Exploratory Area
32870 Horsehoe Gallup

11. County or Parish, State
San Juan County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The Northeast Hogback Unit #74H was first delivered on May 22, 2014.

OIL CONS. DIV DIST. 3

JUN 09 2014

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Patrick Padilla

Title President, Chuza Oil Company

Signature

Date 06/02/2014

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

ACCEPTED FOR RECORD

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.

(Instructions on page 2)

NMOCDA

FARMINGTON FIELD OFFICE
BY: 

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 04 2014

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office
Bureau of Land Management

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
Chuzza Oil Company

3. Address
1000 Cordova Place #376, Santa Fe, NM 87505

3a. Phone No. (include area code)
505-690-7803

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2270' FNL, 330' FEL, Sec. 10, 30N, 16W

2527' FSL, 648' FEL, Sec 10, 30N, 16W

At top prod. interval reported below

At total depth 177' FNL, 2387' FEL, Sec 15, 30N, 16W ✓

14. Date Spudded
11/29/2013

15. Date T.D. Reached
12/12/2013

16. Date Completed
☐ D & A ☒ Ready to Prod.

5. Lease Serial No.
NMNM-077281

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM-78403A ✓

8. Lease Name and Well No.
Northeast Hogback Unit #74H

9. API Well No.
30 - 045-34755-0051

10. Field and Pool or Exploratory
32870 Horsehoe Gallup

11. Sec., T., R., M., on Block and
Survey or Area Sec. 10, T30N, R16W, NMPM

12. County or Parish
San Juan County

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
GL 5,562

18. Total Depth: MD 5000
TVD 1489

19. Plug Back T.D.: MD 4953
TVD 1489

20. Depth Bridge Plug Set: MD N/A
TVD N/A

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Electronic Logs

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	40.0 ppf	Surface	211' ✓	N/A	130 sacks	N/A	CIR ✓	N/A
8-3/4"	5-1/2" N-80	17 ppf	Surface	5000' ✓	N/A	1220 sacks	293 BBL	CIR ✓	N/A

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	1791'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Gallup Sandstone	1787'	4884' ✓	1787'-4884' MD	.4"	720	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
1787'-4884'	12,384 bbl of 70Q Linear Gel Foam with 2,750,434# of 20/40 Brown Sand ✓

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
5/22/14	5/22/14	24 ✓	→	56 ✓	NA	193 ✓	NA	NA	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	NA	NA	→	56	NA	193	NA		Pumping

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	
			→						

ACCEPTED FOR RECORD

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

JUN 04 2014

NMOCDA

FARMINGTON FIELD OFFICE
BY: TL Sellers

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 (Solid, used for fuel, vented, etc.)
Vented

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
				Mesa Group	Surface
				Upper Mancos Shale	280'
				Upper Gallup Sandstone	1480'
				Mancos Shale	1518'
				Lower Gallup Sandstone	1582'
				Mancos Shale	1614'

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) Patrick Padilla

Title President, Chuza Oil Company

Signature 

Date 6-2-14

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 03 2014

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.
NMNM-077281

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Chuza Oil Company

3a. Address
1000 Cordova Place #376, Santa Fe, NM 87505

3b. Phone No. (include area code)
505-690-7803

7. If Unit of CA/Agreement, Name and/or No.
NMNM-78403A

8. Well Name and No.
Northeast Hogback Unit #74H

9. API Well No.
30-045-34755

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: Unit Letter H, 2270' FNL, 330' FEL
Sec. 10, T30N, R16W, NMPM
BHL: Unit Letter B, 186' FNL, 2380' FEL
Sec. 15, T30N, R16W, NMPM

10. Field and Pool or Exploratory Area
32870 Horsehoe Gallup

11. County or Parish, State
San Juan County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other final plat	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Attached please find the final well location and acreage dedication plat for the Northeast Hogback Unit #74H as approved by the NMOCD.

ACCEPTED FOR RECORD

JUN 04 2014

FARMINGTON FIELD OFFICE
BY: TL Salyers

CONFIDENTIAL

OIL CONS. DIV DIST. 3

JUN 17 2014

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Patrick Padilla

Title President, Chuza Oil Company

Signature

Date 06/02/2014

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

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.

(Instructions on page 2)

NMOCD

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

OIL CONS. DIV DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

JUN 17 2014

*API Number 30-045-34755		*Pool Code 32870	*Pool Name HORSESHOE GALLUP
*Property Code 309598	*Property Name NE HOGBACK UNIT		*Well Number 74H
*GRID No. 279508	*Operator Name CHUZA OIL COMPANY		*Elevation 5432'

10 Surface Location

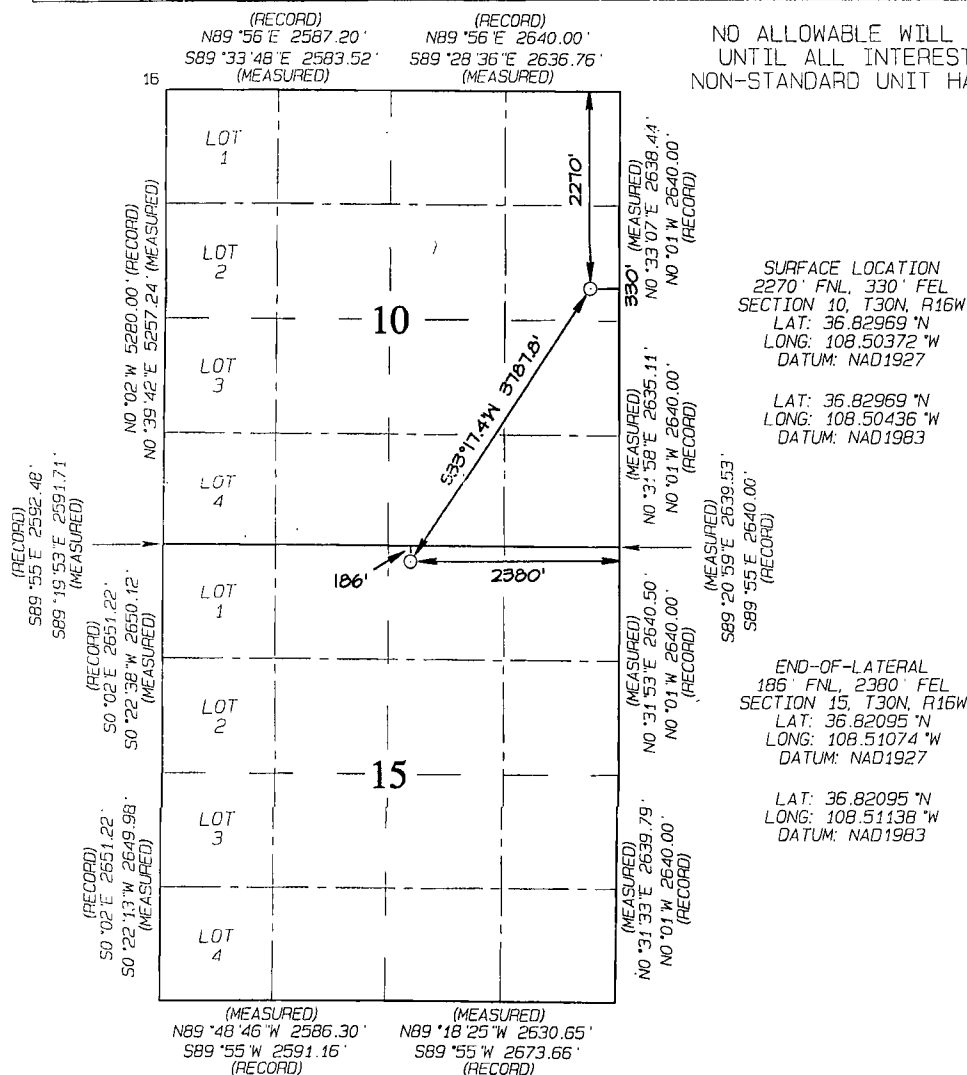
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	10	30N	16W		2270	NORTH	330	EAST	SAN JUAN

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
B	15	30N	16W		186	NORTH	2380	EAST	SAN JUAN

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No. R-13607
--------------------	--------------------	-----------------------	-------------------------

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 6-2-14

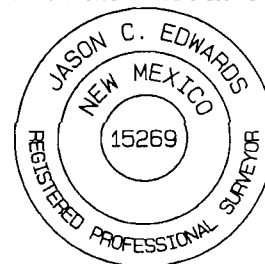
Printed Name: Patrick Padilla
E-mail Address: ppadilla@chuzaoil.com

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 Revised: FEBRUARY 28, 2014
Date Survey: JANUARY 31, 2014

Signature and Seal of Professional Surveyor



Jason C. Edwards
Certificate Number 15269