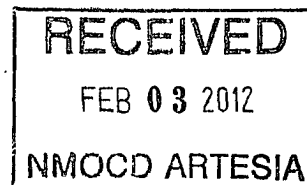




**PHOENIX
TECHNOLOGY SERVICES**

December 29, 2011

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210



Dear District 2 - Artesia

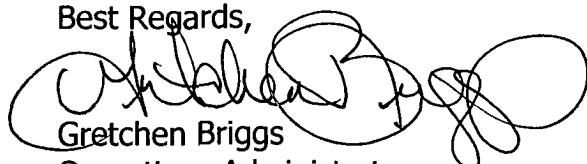
Re: Concho Resources Inc.
Cooperhead 30 Fee 1H
Eddy Co., NM
API #30-015-39542
Job No. 1110717

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Brad Hill	1H	6,496	11,372	12/16/11	12/26/11	MWD

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,



Gretchen Briggs
Operations Administrator

Certified mail receipt number: **7010 1670 0000 9227 7461**

**Phoenix Technology Services
SURVEY DATA CERTIFICATION**



PHOENIX JOB NUMBER	1110717	OPERATOR	COG (Concho)
--------------------	---------	----------	--------------

WELL NAME	Cooperhead 30 Fee 1H	COUNTY & STATE	Eddy County, NM
-----------	----------------------	----------------	-----------------

API WELL NUMBER	30-015-39542	PROPOSED DIRECTION	271.10
-----------------	--------------	--------------------	--------

TIE-IN DATA						
MEASURED DEPTH	VERTICAL DEPTH	INCLIN	AZIMUTH	N-S COORD	E-W COORD	DATA SOURCE
6,500 ft	6,445.74 ft	1.5 ft	221.9 ft	-12.30 ft	63.90 ft	Scientific Gyro

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH
16-Dec-11	6,496 ft	1.5	227.6

SURVEY INSTRUMENT TYPE
Phoenix MWD

LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH
26-Dec-11	11,372 ft	90.5	271.8

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH
26-Dec-11	11,430 ft	90.5	271.8

Brad Hill

PRINT YOUR NAME ABOVE

Brad Hill

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	7.56
DECLINATION OR GRID	DEC

12/26/2011

TODAY'S DATE

MWD SUPERVISOR 1	Brad Hill	DIRECTIONAL DRILLER 1	Josh Diostell
MWD SUPERVISOR 2	Will Stanley	DIRECTIONAL DRILLER 2	Jamie Allen

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
FEB 22 2012
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
NMOCD ARTESIA
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 15, 2009
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name COPPERHEAD "30" FEE	
⁷ OGRID No. 217955	⁸ Operator Name OGX RESOURCES, LLC	⁶ Well Number IH
⁹ Elevation 2947.9		

¹⁰ Surface Location

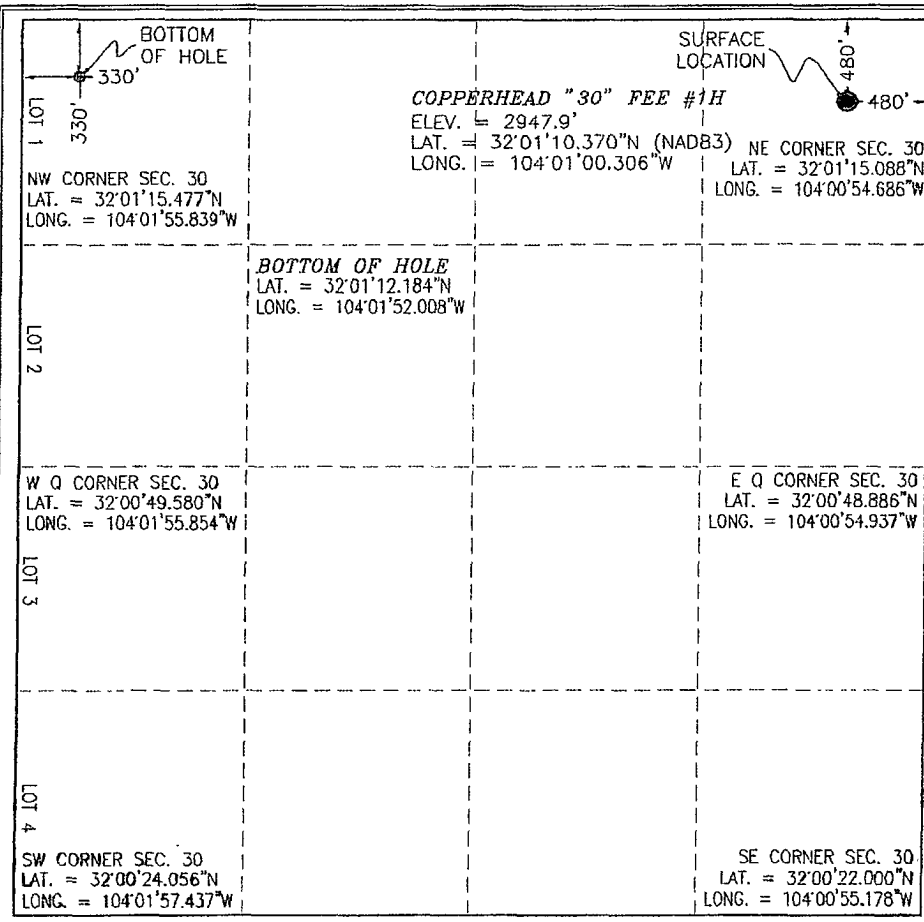
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	26 S	29 E		480	NORTH	480	EAST	EDDY

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
F	30	26 S	29 E		330	NORTH	330	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹¹ Consolidation Code	¹⁵ Order No.
-------------------------------	-------------------------------	----------------------------------	-------------------------

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.



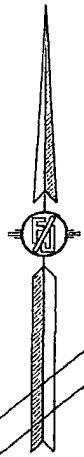
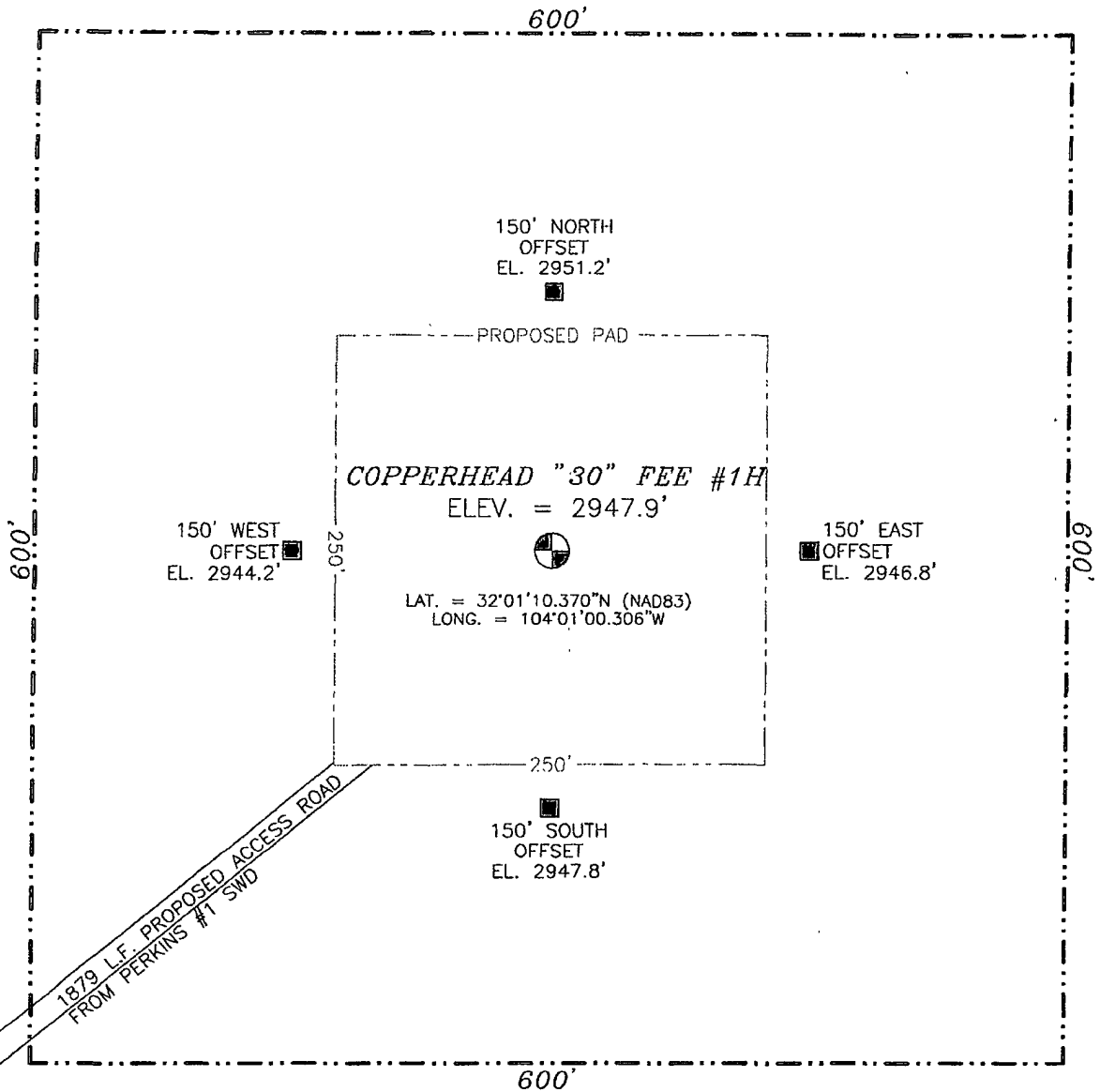
¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to 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 _____ Date _____
Printed Name _____

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.

OCTOBER 18 2011
Date of Survey _____
Signature and Seal of Professional Surveyor _____
Certificate Number: LILMON RAMAMILLO, PLS 12797
SURVEY NO. 659

SECTION 30, TOWNSHIP 26 SOUTH, RANGE 29 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO



0 10 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. 285 AND COUNTY ROAD 726 (CATFISH ROAD) JUST NORTH OF THE SOUTH LINE OF THE STATE OF NEW MEXICO GO EAST ON CR 726 1.7 MILES TO A CALICHE ROAD ON THE NORTH BEING AN OLD RAIL ROAD BED GO NORTH ON OLD RAIL BED 1.8 MILES TO PERKINS #1 SWD SITE FROM THE NORTHWEST CORNER OF PAD FOLLOW CL ROAD PROPOSAL FLAGS TO SITE 1879LF

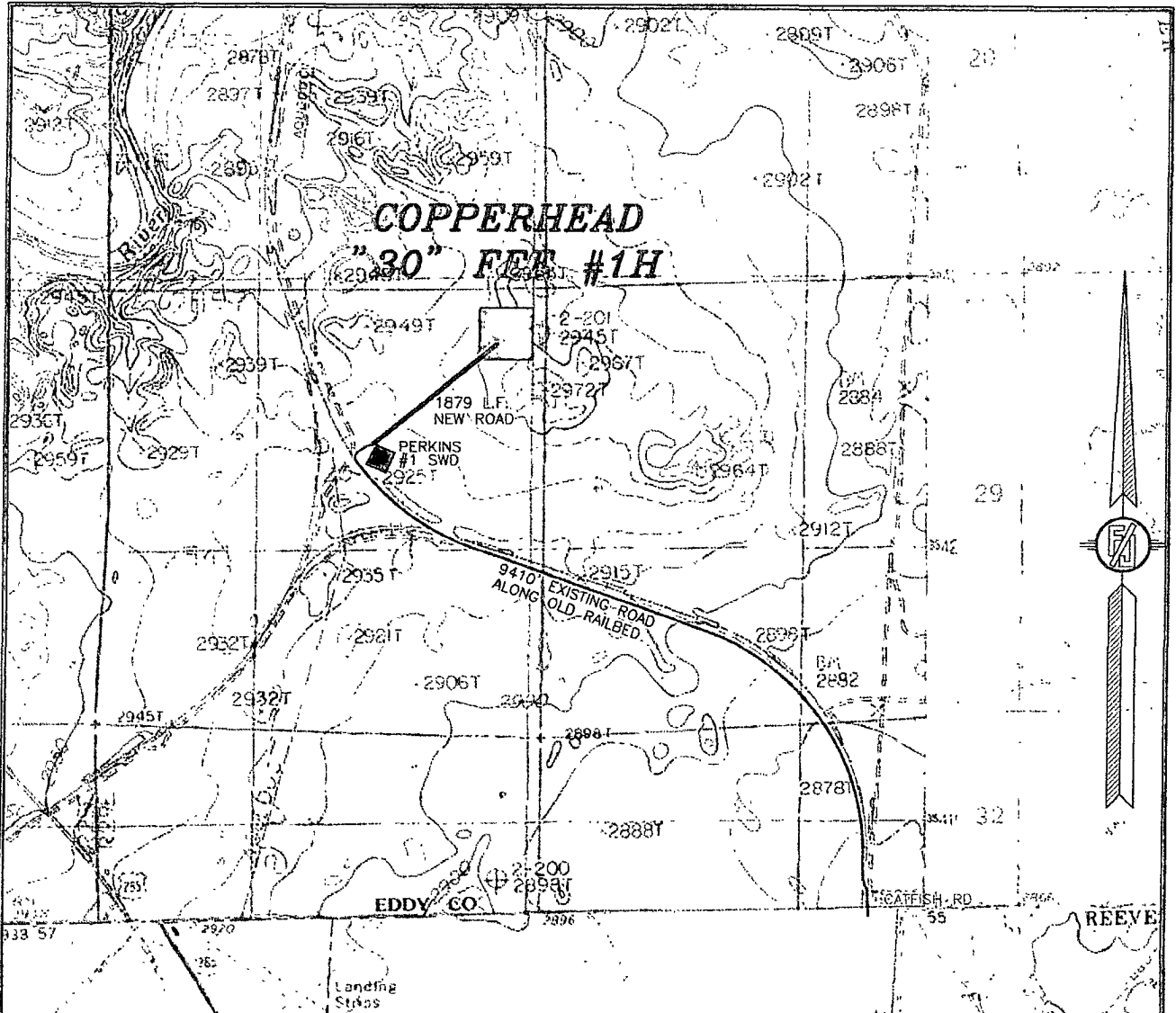
OGX RESOURCES, LLC
COPPERHEAD "30" FEE #1H
 LOCATED 480 FT. FROM THE NORTH LINE
 AND 480 FT. FROM THE EAST LINE OF
 SECTION 30, TOWNSHIP 26 SOUTH,
 RANGE 29 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

SURVEY NO. 659

OCTOBER 18, 2011

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
 (575) 234-3341

SECTION 30, TOWNSHIP 26 SOUTH, RANGE 29 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 LOCATION VERIFICATION MAP



CONTOUR INTERVAL:
 RED BLUFF

NOT TO SCALE

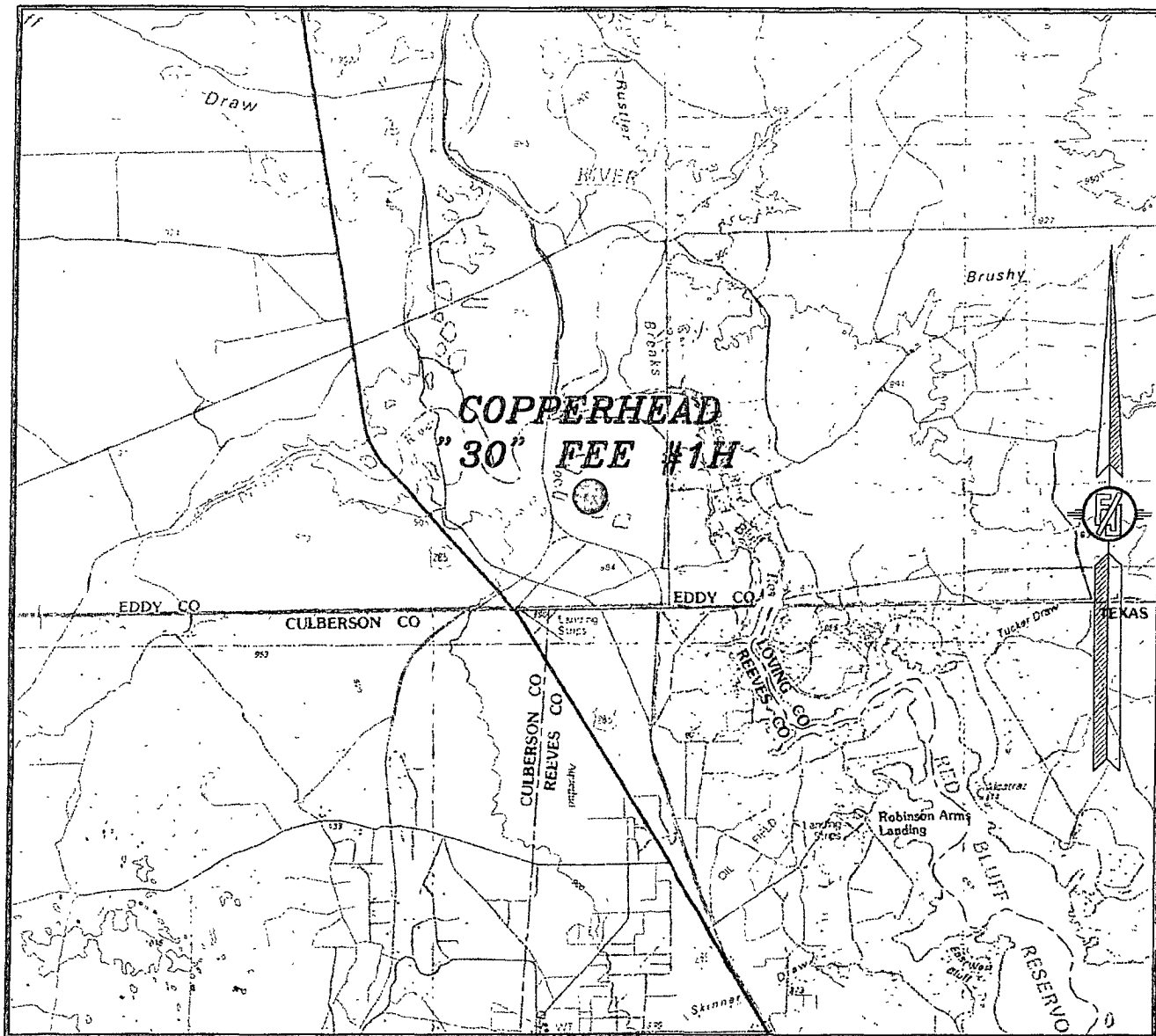
OGX RESOURCES, LLC
COPPERHEAD "30" FEE #1H
 LOCATED 480 FT. FROM THE NORTH LINE
 AND 480 FT. FROM THE EAST LINE OF
 SECTION 30, TOWNSHIP 26 SOUTH,
 RANGE 29 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 18, 2011

SURVEY NO. 659

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 30, TOWNSHIP 26 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

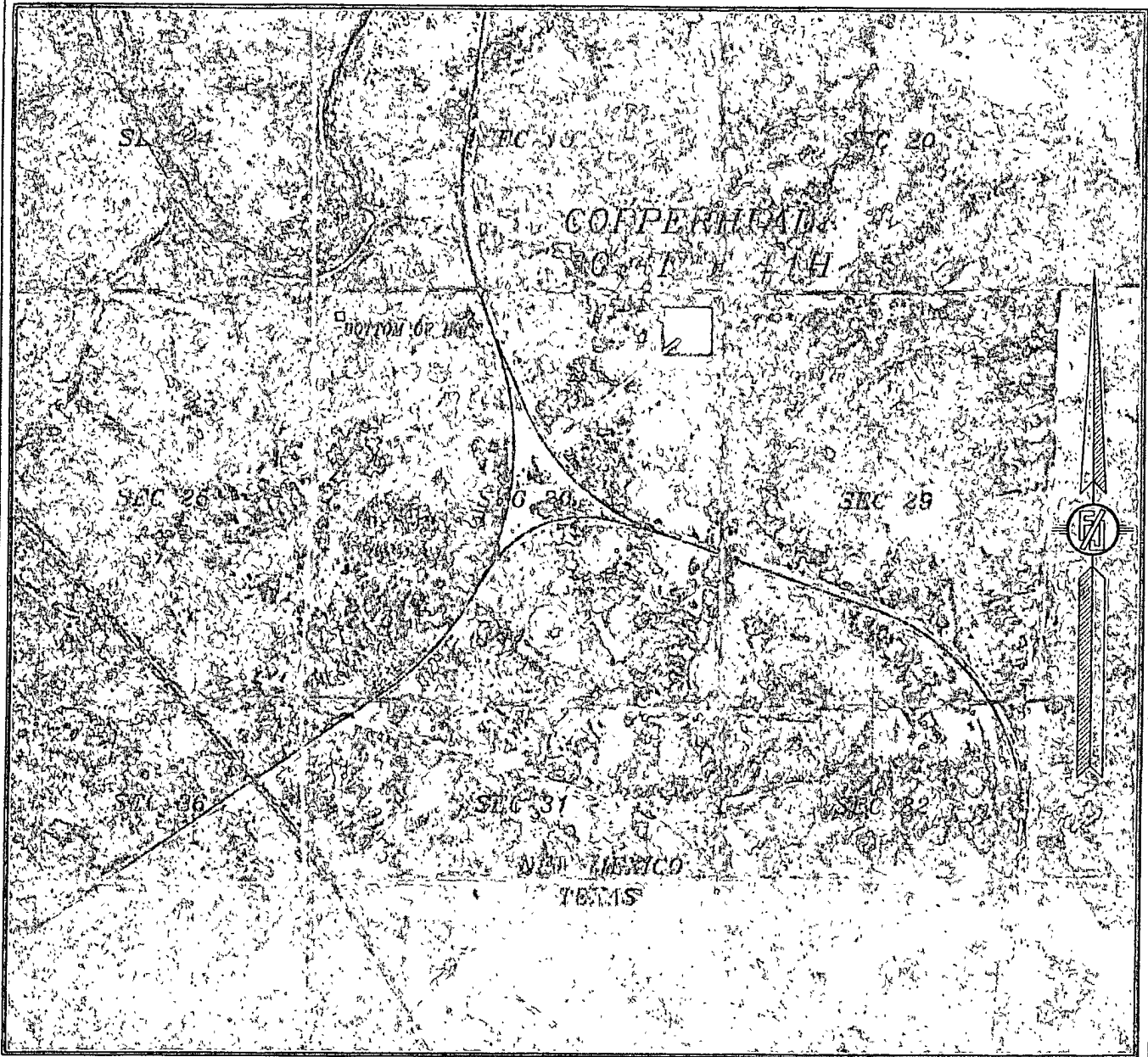
OGX RESOURCES, LLC
COPPERHEAD "30" FEE #1H
LOCATED 480 FT. FROM THE NORTH LINE
AND 480 FT. FROM THE EAST LINE OF
SECTION 30, TOWNSHIP 26 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 18, 2011

SURVEY NO. 659

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

SECTION 30, TOWNSHIP 26 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
USDA - AUG. 2009

OGX RESOURCES, LLC
COPPERHEAD "30" FEE #1H
LOCATED 480 FT. FROM THE NORTH LINE
AND 480 FT. FROM THE EAST LINE OF
SECTION 30, TOWNSHIP 26 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

SURVEY NO. 659

OCTOBER 18, 2011

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

Job Number: 1110717	State/Country: NM
Company: Concho	Declination: 7.56
Lease/Well: Cooperhead 30 Fee 1H	Grid: □
Location: Eddy Co. NM	File name: C:\WINSERVE\CFE1H.SVY
Rig Name: Silver Oak Rig 11	Date/Time: 26-Dec-11 / 00:51
RKB: 17	Curve Name: □
G.L. or M.S.L.: □	

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 271.70
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
Tie In									
6450.00	1.46	221.85	6445.74	-12.30	63.90	-64.24	65.07	100.90	.00
6496.00	1.50	227.60	6491.72	-13.14	63.06	-63.43	64.42	101.77	.33
6528.00	2.00	237.30	6523.71	-13.73	62.29	-62.67	63.78	102.43	1.81
6560.00	5.30	256.60	6555.64	-14.37	60.38	-60.78	62.06	103.39	10.86
6592.00	10.50	263.60	6587.33	-15.04	56.04	-56.46	58.02	105.02	16.50
6624.00	15.20	260.00	6618.52	-16.09	49.01	-49.46	51.58	108.18	14.89
6655.00	17.70	263.10	6648.25	-17.37	40.32	-40.82	43.90	113.30	8.54
6687.00	17.00	262.80	6678.79	-18.54	30.85	-31.39	35.99	121.00	2.21
6719.00	20.10	264.00	6709.12	-19.70	20.74	-21.32	28.60	133.52	9.76
6750.00	23.60	264.70	6737.89	-20.83	9.26	-9.87	22.79	156.03	11.32
6782.00	26.40	263.00	6766.89	-22.29	-4.18	3.52	22.68	190.63	9.03
6814.00	27.70	264.00	6795.39	-23.93	-18.64	17.92	30.33	217.91	4.30
6846.00	29.00	266.80	6823.55	-25.14	-33.78	33.02	42.11	233.34	5.81
6877.00	27.90	265.50	6850.81	-26.13	-48.52	47.72	55.11	241.69	4.07
6909.00	28.50	267.60	6879.01	-27.04	-63.61	62.78	69.12	246.97	3.62
6941.00	27.70	265.90	6907.24	-27.89	-78.66	77.79	83.45	250.48	3.54
6973.00	28.00	271.80	6935.54	-28.18	-93.58	92.71	97.74	253.24	8.66
7005.00	30.90	277.10	6963.41	-26.93	-109.25	108.41	112.52	256.15	12.18
7036.00	31.60	280.30	6989.91	-24.50	-125.14	124.36	127.52	258.92	5.81
7068.00	34.20	282.70	7016.78	-21.02	-142.17	141.48	143.71	261.59	9.09
7100.00	38.00	282.00	7042.63	-16.99	-160.58	160.01	161.48	263.96	11.94
7131.00	41.50	282.40	7066.46	-12.80	-179.96	179.50	180.41	265.93	11.32
7163.00	46.10	280.50	7089.55	-8.42	-201.66	201.32	201.83	267.61	14.95

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
7195.00	51.90	279.80	7110.54	-4.17	-225.42	225.20	225.46	268.94	18.20
7227.00	57.50	279.00	7129.02	.08	-251.18	251.07	251.18	270.02	17.62
7258.00	63.60	278.30	7144.25	4.14	-277.85	277.85	277.88	270.85	19.78
7290.00	70.10	277.00	7156.83	8.04	-307.00	307.10	307.10	271.50	20.65
7322.00	76.70	275.30	7165.97	11.32	-337.47	337.66	337.66	271.92	21.24
7353.00	83.80	274.40	7171.21	13.90	-367.90	368.15	368.16	272.16	23.08
7385.00	90.40	273.00	7172.83	15.96	-399.77	400.07	400.09	272.29	21.08
7480.00	91.80	270.40	7171.01	18.78	-494.70	495.04	495.06	272.17	3.11
7575.00	96.70	270.90	7163.97	19.85	-589.40	589.73	589.74	271.93	5.18
7670.00	96.70	271.10	7152.88	21.50	-683.74	684.08	684.08	271.80	.21
7766.00	96.60	270.60	7141.77	22.91	-779.08	779.42	779.42	271.68	.53
7861.00	96.70	270.40	7130.77	23.73	-873.44	873.76	873.76	271.56	.23
7956.00	96.50	271.50	7119.85	25.30	-967.80	968.12	968.13	271.50	1.17
8051.00	92.80	271.80	7112.15	28.02	-1062.43	1062.79	1062.80	271.51	3.91
8147.00	92.40	272.20	7107.79	31.37	-1158.27	1158.69	1158.69	271.55	.59
8242.00	92.80	272.20	7103.48	35.01	-1253.10	1253.59	1253.59	271.60	.42
8337.00	91.20	271.90	7100.17	38.41	-1347.98	1348.53	1348.53	271.63	1.71
8432.00	91.20	271.50	7098.18	41.23	-1442.92	1443.51	1443.51	271.64	.42
8528.00	91.00	271.10	7096.33	43.41	-1538.87	1539.49	1539.49	271.62	.47
8623.00	91.40	270.70	7094.34	44.90	-1633.84	1634.45	1634.46	271.57	.60
8719.00	90.20	269.80	7093.00	45.32	-1729.83	1730.41	1730.42	271.50	1.56
8814.00	89.80	269.40	7093.00	44.65	-1824.83	1825.35	1825.37	271.40	.60
8909.00	89.20	268.60	7093.83	43.00	-1919.81	1920.24	1920.29	271.28	1.05
9004.00	89.20	268.20	7095.16	40.34	-2014.76	2015.07	2015.16	271.15	.42
9100.00	93.70	269.80	7092.73	38.67	-2110.69	2110.91	2111.04	271.05	4.97
9195.00	92.20	271.00	7087.84	39.33	-2205.55	2205.75	2205.91	271.02	2.02
9291.00	92.00	270.80	7084.32	40.84	-2301.48	2301.68	2301.84	271.02	.29
9411.00	90.50	272.30	7081.71	44.08	-2421.40	2421.64	2421.80	271.04	1.77
9481.00	89.80	271.60	7081.52	46.46	-2491.36	2491.64	2491.79	271.07	1.41
9576.00	89.80	271.30	7081.85	48.87	-2586.33	2586.64	2586.79	271.08	.32
9671.00	89.30	270.40	7082.60	50.28	-2681.31	2681.62	2681.78	271.07	1.08
9766.00	88.60	270.60	7084.34	51.11	-2776.29	2776.59	2776.76	271.05	.77
9862.00	88.50	272.80	7086.77	53.95	-2872.21	2872.55	2872.72	271.08	2.29
9957.00	89.00	272.10	7088.84	58.01	-2967.10	2967.52	2967.67	271.12	.91
10053.00	89.40	271.70	7090.18	61.20	-3063.04	3063.51	3063.65	271.14	.59
10148.00	91.00	271.90	7089.85	64.18	-3157.99	3158.50	3158.64	271.16	1.70
10243.00	91.30	271.70	7087.95	67.16	-3252.92	3253.48	3253.62	271.18	.38
10337.00	91.00	271.70	7086.06	69.95	-3346.86	3347.46	3347.59	271.20	.32
10432.00	92.60	272.30	7083.08	73.26	-3441.75	3442.41	3442.53	271.22	1.80
10526.00	93.30	271.30	7078.24	76.21	-3535.58	3536.29	3536.40	271.23	1.30
10622.00	93.30	271.50	7072.71	78.56	-3631.39	3632.13	3632.24	271.24	.21
10717.00	93.50	271.00	7067.08	80.62	-3726.20	3726.96	3727.08	271.24	.57
10812.00	93.40	271.30	7061.36	82.53	-3821.01	3821.78	3821.90	271.24	.33
10907.00	91.80	272.00	7057.05	85.26	-3915.87	3916.68	3916.80	271.25	1.84
11002.00	90.90	272.70	7054.81	89.15	-4010.76	4011.64	4011.75	271.27	1.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
11097.00	90.50	272.80	7053.65	93.71	-4105.65	4106.62	4106.72	271.31	.43
11193.00	90.30	272.40	7052.98	98.07	-4201.55	4202.61	4202.69	271.34	.47
11287.00	90.50	272.10	7052.33	101.76	-4295.47	4296.60	4296.68	271.36	.38
11372.00	90.50	271.80	7051.58	104.65	-4380.42	4381.59	4381.67	271.37	.35
TD PTB									
11430.00	90.50	271.80	7051.08	106.47	-4438.39	4439.59	4439.66	271.37	.00