

Exhibit "A"

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

State of New Mexico
Energy, Minerals and Natural Resources DepartmentOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505Form C-102
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-27977	Pool Code ☒	Pool Name Wildcat Undesignated Wolfcamp
Property Code 36797	Property Name ANDORMEDA FEDERAL	
OGRID No. 229137	Operator Name C.O.G. OPERATING L.L.C.	
		Well Number 314
		Elevation 4394'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	14	15 S	31 E		1650	SOUTH	330	WEST	CHAVES

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
I	14	15 S	31 E		1650	SOUTH	330	EAST	CHAVES
Dedicated Acres 160	Joint or Infill	Consolidation Code	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

		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 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 <i>[Signature]</i> Date 7/12/07 Printed Name Owning owner Agent for C.O.G.
SURFACE LOCATION LAT.: N 33°00'47.58" LONG.: W103°47'59.53" SPC- N.: 732756.4 E.: 704863.3 (NAD-83)		BOTTOM HOLE LOCATION LAT.: N 33°00'47.73" LONG.: W103°47'05.22" SPC- N.: 732813.889 E.: 709480.773 (NAD-83)
DATE SURVEYED BY AGENT JULY 27 2007 Signature & Seal of Professional Surveyor <i>[Signature]</i> W.C. 13864		Certificate No. Gary L. Jones 7977 BASIN SURVEYS

1. Proration Unit Spacing: 160 Acres
2. Ground Elevation: 4394'
3. Proposed Depths: Pilot hole TD = 9050', Horizontal TVD = 8765', MD = 13450'
4. Estimated tops of geological markers:

5. Possible mineral bearing formations:

6. Casing Program - Proposed

<u>Hole size</u>	<u>Interval</u>	<u>OD of Casing</u>	<u>Weight</u>	<u>Cond.</u>	<u>Collar</u>	<u>Grade</u>
17-1/2"	0' - +/-400'	13-3/8"	48#	New	STC	H40
Collapse sf – 3.78, Burst sf – 7.20, Tension sf – 15.72						
12 1/4"	0' - 4000'	9-5/8"	40#	New	STC	J-55
Collapse sf – 1.285, Burst sf – 1.17, Tension sf – 3.25						
8-3/4"	0' – 8400'	5-1/2"	17#	New	LTC	P-110
Collapse sf – 1.74, Burst sf – 2.32, Tension sf – 2.74						
7-7/8"	8400' – 13450'	5-1/2"	17#	New	BTC	P-110
Collapse sf – 1.66, Burst sf – 2.36, Tension sf – 76.28						

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COG Operating, LLC
Andromeda Federal # 3H
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7. Cement Program

13 3/8" Surf. Csg. Set at +/- 400', Circ to Surf with +/- 400 sx Class "C" w/ 2% CaCl₂, 1.35 yd.

9 5/8" Intrmd. Csg. Set at +/- 4000'. Circ to Surf with +/- 800 sx 35/65 Poz "C", 2.05 yd. & 200 sx Class "C" w/ 2% CaCl₂, 1.35 yd.

5 1/2" Prod. Csg. Set at +/- 13450' MD. Cement casing with +/- 200 sx. 50/50/2 "C", 1.37 yd & +/- 900 sx Class "H", 1.18 yd. Est. TOC @ 8400'.

8. Pressure Control Equipment:

After setting 13 3/8" casing and installing 3000 psi casing head, NU 13 5/8" 3000 psi annular BOP. Test annular BOP, casing and manifold with clear fluid to 800 psi w/ rig pump. After setting 9 5/8" casing and installing 3000 psi casing spool, NU 3000 psi double ram BOP and 3000psi annular BOP. Test double ram BOP and manifold to 3000# with clear fluid and annular to 1500 psi using an independent tester and used continuously until TD is reached. Blind rams will be operationally checked on each trip out of hole. Pipe rams will be operationally checked each 24 hour period. These checks will be noted on daily tour sheets. Other accessories to the BOP equipment include a Kelly cock and floor safety valves, choke lines and choke manifold with 3000 psi WP rating.

9. Proposed Mud Circulating System

<u>Interval</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>FL</u>	<u>Type Mud System</u>
0' - 400'	8.5	28	NC	Fresh water native mud w/ paper for seepage and sweeps. Lime for PH.
400' - 4000'	9.1	30	NC	Cut brine mud, lime for PH and paper for seepage and sweeps.
4000' - 7500'	9.1	29	NC	Drill section with fresh water/cut brine circulating the reserve utilizing periodic sweeps of paper as needed for seepage control and solids removal.
7500' - 13450'	9.5	36	10	Drill pilot hole, curve and horizontal section with XCD polymer / cut brine / starch.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the well site at all times.

10. Auxiliary Well Control and Monitoring Equipment

- A. Kelly cock will be kept in the drill string at all times.
- B. A full opening drill pipe-stabbing valve with proper drill pipe connections will be on the rig floor at all times.

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11. Production Hole Drilling Summary:

Drill 8-3/4" Pilot hole thru Wolfcamp, run open hole logs. Spot 150 sx. "H" Kick off plug from +/- 8900' to +/- 8400'. Time drill and kick off 7-7/8" hole at +/- 8400', building curve over +/- 475' to horizontal at 8765' TVD. Drill horizontal section in a easterly direction for +/- 4500' lateral. Run production casing and cement.

12. Logging, Testing and Coring Program:

- A. The electric logging program will consist of GR-Dual Laterolog, Spectral Density, Dual Spaced Neutron, CSNG Log and will be ran from T.D. in vertical pilot hole to 9 5/8" casing shoe.
- B. The mud logging program will consist of lagged 10' samples from intermediate casing point to T.D. in vertical pilot hole and from Kick off point to TD in Horizontal hole.
- C. Drill Stem test is not anticipated.
- D. No conventional coring is anticipated.
- E. Further testing procedures will be determined after the 5 1/2" production casing has been cemented at TD based on drill shows and log evaluation.

13. Abnormal Conditions, Pressures, Temperatures and Potential Hazards:

No abnormal pressures or temperatures are anticipated. The estimated bottom hole at TD is 120 degrees and estimated maximum bottom hole pressure is 3800 psig. Low levels of Hydrogen sulfide have been monitored in producing wells in the area, so H2S may be present while drilling of the well. An H2S plan is attached to the Drilling Program. No major loss of circulation zones has been reported in offsetting wells.

14. Anticipated Starting Date

Drilling operations will commence approximately on February 15, 2008 with drilling and completion operations lasting approximately 45 days.

Planned Wellpath Report

Plan #1
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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Concho O&G	Slot	#3H_SHL
Area	Chavez County, NM	Well	#3H
Field	Section 14 T15S R31E (Andromeda)	Wellbore	#3H_PWB
Facility	Andromeda Federal #3H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect™ 1.2
North Reference	Grid	User	Jonebea
Scale	0.99994	Report Generated	09/17/07 at 16:27:19
Wellbore last revised	09/13/07	Database/Source file	WA_Midland/#3H_PWI

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	704863.30	732756.40	33 00 47.546N	103 47 59.510W
Facility Reference Pt			704863.30	732756.40	33 00 47.546N	103 47 59.510W
Field Reference Pt			709469.50	735769.10	33 01 17.120N	103 47 05.231W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on #3H_SHL (RT) to Facility Vertical Datum	0.00 feet
Horizontal Reference Pt	Facility Center	Rig on #3H_SHL (RT) to GRN. ELEV.	4394.00 feet
Vertical Reference Pt	Rig on #3H_SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00 feet
MD Reference Pt	Rig on #3H_SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	GRN. ELEV.	Section Azimuth	89.29°

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WELLPATH DATA (135 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
0.00	0.000	89.287	0.00	0.00	0.00	0.00	0.00
100.00†	0.000	0.000	100.00	0.00	0.00	0.00	0.00
200.00†	0.000	0.000	200.00	0.00	0.00	0.00	0.00
300.00†	0.000	0.000	300.00	0.00	0.00	0.00	0.00
400.00†	0.000	0.000	400.00	0.00	0.00	0.00	0.00
500.00†	0.000	0.000	500.00	0.00	0.00	0.00	0.00
600.00†	0.000	0.000	600.00	0.00	0.00	0.00	0.00
700.00†	0.000	0.000	700.00	0.00	0.00	0.00	0.00
800.00†	0.000	0.000	800.00	0.00	0.00	0.00	0.00
900.00†	0.000	0.000	900.00	0.00	0.00	0.00	0.00
1000.00†	0.000	0.000	1000.00	0.00	0.00	0.00	0.00
1100.00†	0.000	0.000	1100.00	0.00	0.00	0.00	0.00
1200.00†	0.000	0.000	1200.00	0.00	0.00	0.00	0.00
1300.00†	0.000	0.000	1300.00	0.00	0.00	0.00	0.00
1400.00†	0.000	0.000	1400.00	0.00	0.00	0.00	0.00
1500.00†	0.000	0.000	1500.00	0.00	0.00	0.00	0.00
1600.00†	0.000	0.000	1600.00	0.00	0.00	0.00	0.00
1700.00†	0.000	0.000	1700.00	0.00	0.00	0.00	0.00
1800.00†	0.000	0.000	1800.00	0.00	0.00	0.00	0.00
1900.00†	0.000	0.000	1900.00	0.00	0.00	0.00	0.00
2000.00†	0.000	0.000	2000.00	0.00	0.00	0.00	0.00
2100.00†	0.000	0.000	2100.00	0.00	0.00	0.00	0.00
2200.00†	0.000	0.000	2200.00	0.00	0.00	0.00	0.00
2300.00†	0.000	0.000	2300.00	0.00	0.00	0.00	0.00
2400.00†	0.000	0.000	2400.00	0.00	0.00	0.00	0.00
2500.00†	0.000	0.000	2500.00	0.00	0.00	0.00	0.00
2600.00†	0.000	0.000	2600.00	0.00	0.00	0.00	0.00
2700.00†	0.000	0.000	2700.00	0.00	0.00	0.00	0.00
2800.00†	0.000	0.000	2800.00	0.00	0.00	0.00	0.00
2900.00†	0.000	0.000	2900.00	0.00	0.00	0.00	0.00
3000.00†	0.000	0.000	3000.00	0.00	0.00	0.00	0.00
3100.00†	0.000	0.000	3100.00	0.00	0.00	0.00	0.00
3200.00†	0.000	0.000	3200.00	0.00	0.00	0.00	0.00
3300.00†	0.000	0.000	3300.00	0.00	0.00	0.00	0.00
3400.00†	0.000	0.000	3400.00	0.00	0.00	0.00	0.00
3500.00†	0.000	0.000	3500.00	0.00	0.00	0.00	0.00
3600.00†	0.000	0.000	3600.00	0.00	0.00	0.00	0.00
3700.00†	0.000	0.000	3700.00	0.00	0.00	0.00	0.00
3800.00†	0.000	0.000	3800.00	0.00	0.00	0.00	0.00
3900.00†	0.000	0.000	3900.00	0.00	0.00	0.00	0.00

Planned Wellpath Report

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MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
4000.00†	0.000	0.000	4000.00	0.00	0.00	0.00	0.00
4100.00†	0.000	0.000	4100.00	0.00	0.00	0.00	0.00
4200.00†	0.000	0.000	4200.00	0.00	0.00	0.00	0.00
4300.00†	0.000	0.000	4300.00	0.00	0.00	0.00	0.00
4400.00†	0.000	0.000	4400.00	0.00	0.00	0.00	0.00
4500.00†	0.000	0.000	4500.00	0.00	0.00	0.00	0.00
4600.00†	0.000	0.000	4600.00	0.00	0.00	0.00	0.00
4700.00†	0.000	0.000	4700.00	0.00	0.00	0.00	0.00
4800.00†	0.000	0.000	4800.00	0.00	0.00	0.00	0.00
4900.00†	0.000	0.000	4900.00	0.00	0.00	0.00	0.00
5000.00†	0.000	0.000	5000.00	0.00	0.00	0.00	0.00
5100.00†	0.000	0.000	5100.00	0.00	0.00	0.00	0.00
5200.00†	0.000	0.000	5200.00	0.00	0.00	0.00	0.00
5300.00†	0.000	0.000	5300.00	0.00	0.00	0.00	0.00
5400.00†	0.000	0.000	5400.00	0.00	0.00	0.00	0.00
5500.00†	0.000	0.000	5500.00	0.00	0.00	0.00	0.00
5600.00†	0.000	0.000	5600.00	0.00	0.00	0.00	0.00
5700.00†	0.000	0.000	5700.00	0.00	0.00	0.00	0.00
5800.00†	0.000	0.000	5800.00	0.00	0.00	0.00	0.00
5900.00†	0.000	0.000	5900.00	0.00	0.00	0.00	0.00
6000.00†	0.000	0.000	6000.00	0.00	0.00	0.00	0.00
6100.00†	0.000	0.000	6100.00	0.00	0.00	0.00	0.00
6200.00†	0.000	0.000	6200.00	0.00	0.00	0.00	0.00
6300.00†	0.000	0.000	6300.00	0.00	0.00	0.00	0.00
6400.00†	0.000	0.000	6400.00	0.00	0.00	0.00	0.00
6500.00†	0.000	0.000	6500.00	0.00	0.00	0.00	0.00
6600.00†	0.000	0.000	6600.00	0.00	0.00	0.00	0.00
6700.00†	0.000	0.000	6700.00	0.00	0.00	0.00	0.00
6800.00†	0.000	0.000	6800.00	0.00	0.00	0.00	0.00
6900.00†	0.000	0.000	6900.00	0.00	0.00	0.00	0.00
7000.00†	0.000	0.000	7000.00	0.00	0.00	0.00	0.00
7100.00†	0.000	0.000	7100.00	0.00	0.00	0.00	0.00
7200.00†	0.000	0.000	7200.00	0.00	0.00	0.00	0.00
7300.00†	0.000	0.000	7300.00	0.00	0.00	0.00	0.00
7400.00†	0.000	0.000	7400.00	0.00	0.00	0.00	0.00
7500.00†	0.000	0.000	7500.00	0.00	0.00	0.00	0.00
7600.00†	0.000	0.000	7600.00	0.00	0.00	0.00	0.00
7700.00†	0.000	0.000	7700.00	0.00	0.00	0.00	0.00
7800.00†	0.000	0.000	7800.00	0.00	0.00	0.00	0.00
7900.00†	0.000	0.000	7900.00	0.00	0.00	0.00	0.00

Planned Wellpath Report

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MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
8000.00†	0.000	0.000	8000.00	0.00	0.00	0.00	0.00
8100.00†	0.000	0.000	8100.00	0.00	0.00	0.00	0.00
8200.00†	0.000	0.000	8200.00	0.00	0.00	0.00	0.00
8285.00	0.000	89.287	8285.00	0.00	0.00	0.00	0.00
8300.00†	1.790	89.287	8300.00	0.23	0.00	0.23	11.93
8400.00†	13.719	89.287	8398.90	13.70	0.17	13.70	11.93
8500.00†	25.649	89.287	8492.89	47.33	0.59	47.32	11.93
8600.00†	37.579	89.287	8577.90	99.65	1.24	99.64	11.93
8700.00†	49.509	89.287	8650.25	168.42	2.10	168.41	11.93
8800.00†	61.439	89.287	8706.82	250.66	3.12	250.64	11.93
8900.00†	73.370	89.287	8745.18	342.81	4.27	342.79	11.93
9000.00†	85.300	89.287	8763.65	440.91	5.49	440.88	11.93
9031.32	89.035	89.287	8765.20	472.18	5.88	472.15	11.93
9100.00†	89.035	89.287	8766.35	540.86	6.73	540.81	0.00
9200.00†	89.035	89.287	8768.04	640.84	7.98	640.79	0.00
9300.00†	89.035	89.287	8769.72	740.83	9.22	740.77	0.00
9400.00†	89.035	89.287	8771.40	840.81	10.47	840.75	0.00
9500.00†	89.035	89.287	8773.09	940.80	11.71	940.73	0.00
9600.00†	89.035	89.287	8774.77	1040.79	12.96	1040.70	0.00
9700.00†	89.035	89.287	8776.45	1140.77	14.20	1140.68	0.00
9800.00†	89.035	89.287	8778.14	1240.76	15.45	1240.66	0.00
9900.00†	89.035	89.287	8779.82	1340.74	16.69	1340.64	0.00
10000.00†	89.035	89.287	8781.50	1440.73	17.94	1440.62	0.00
10100.00†	89.035	89.287	8783.19	1540.71	19.18	1540.60	0.00
10200.00†	89.035	89.287	8784.87	1640.70	20.43	1640.57	0.00
10300.00†	89.035	89.287	8786.56	1740.69	21.67	1740.55	0.00
10400.00†	89.035	89.287	8788.24	1840.67	22.92	1840.53	0.00
10500.00†	89.035	89.287	8789.92	1940.66	24.16	1940.51	0.00
10600.00†	89.035	89.287	8791.61	2040.64	25.40	2040.49	0.00
10700.00†	89.035	89.287	8793.29	2140.63	26.65	2140.46	0.00
10800.00†	89.035	89.287	8794.97	2240.62	27.89	2240.44	0.00
10900.00†	89.035	89.287	8796.66	2340.60	29.14	2340.42	0.00
11000.00†	89.035	89.287	8798.34	2440.59	30.38	2440.40	0.00
11100.00†	89.035	89.287	8800.02	2540.57	31.63	2540.38	0.00
11200.00†	89.035	89.287	8801.71	2640.56	32.87	2640.35	0.00
11300.00†	89.035	89.287	8803.39	2740.54	34.12	2740.33	0.00
11400.00†	89.035	89.287	8805.07	2840.53	35.36	2840.31	0.00
11500.00†	89.035	89.287	8806.76	2940.52	36.61	2940.29	0.00
11600.00†	89.035	89.287	8808.44	3040.50	37.85	3040.27	0.00
11700.00†	89.035	89.287	8810.12	3140.49	39.10	3140.24	0.00

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11800.00†	89.035	89.287	8811.81	3240.47	40.34	3240.22	0.00
11900.00†	89.035	89.287	8813.49	3340.46	41.59	3340.20	0.00
12000.00†	89.035	89.287	8815.17	3440.45	42.83	3440.18	0.00
12100.00†	89.035	89.287	8816.86	3540.43	44.08	3540.16	0.00
12200.00†	89.035	89.287	8818.54	3640.42	45.32	3640.13	0.00
12300.00†	89.035	89.287	8820.22	3740.40	46.57	3740.11	0.00
12400.00†	89.035	89.287	8821.91	3840.39	47.81	3840.09	0.00
12500.00†	89.035	89.287	8823.59	3940.37	49.06	3940.07	0.00
12600.00†	89.035	89.287	8825.27	4040.36	50.30	4040.05	0.00
12700.00†	89.035	89.287	8826.96	4140.35	51.54	4140.03	0.00
12800.00†	89.035	89.287	8828.64	4240.33	52.79	4240.00	0.00
12900.00†	89.035	89.287	8830.32	4340.32	54.03	4339.98	0.00
13000.00†	89.035	89.287	8832.01	4440.30	55.28	4439.96	0.00
13100.00†	89.035	89.287	8833.69	4540.29	56.52	4539.94	0.00
13177.84	89.035	89.287	8835.00†	4618.12	57.49	4617.76	0.00

TARGETS

Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
1) #3H BHL	13177.84	8835.00	57.49	4617.76	709480.77	732813.89	33.00°47.880'N	103.47°05.280'W	point

Concho O&G

Location: Chavez County, NM
Field: Section 14 T15S R31E (Andromeda)
Facility: Andromeda Federal #3H

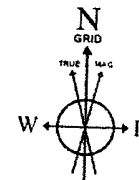
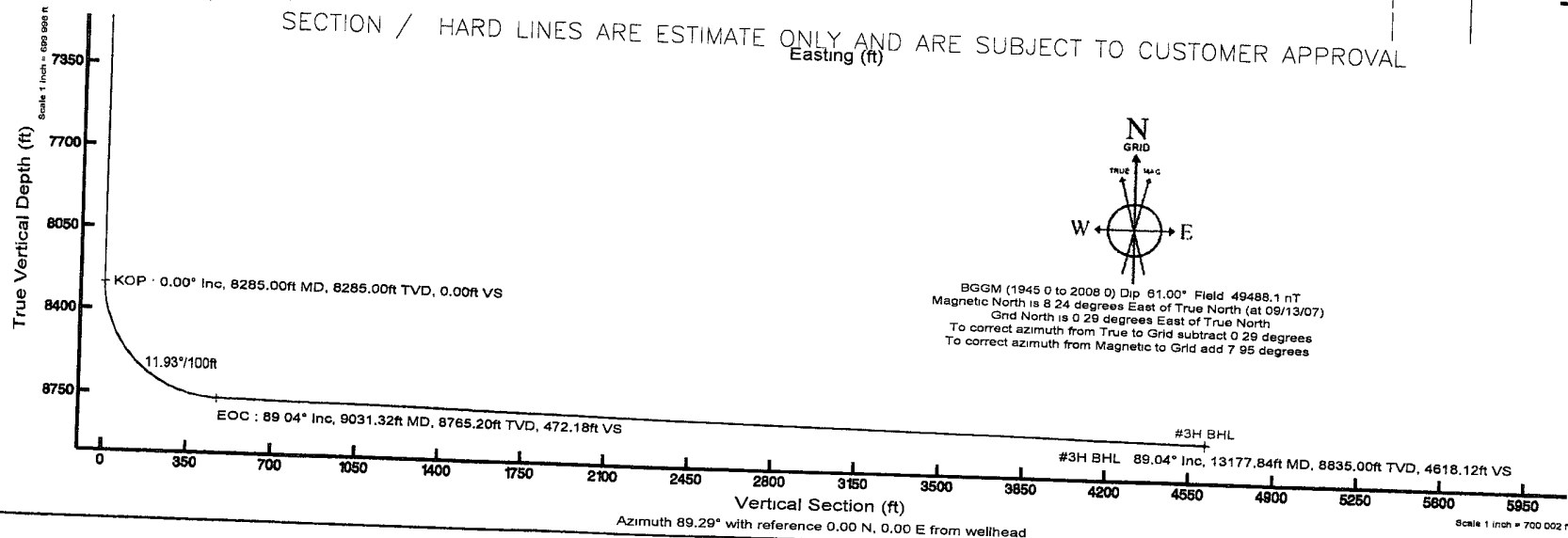
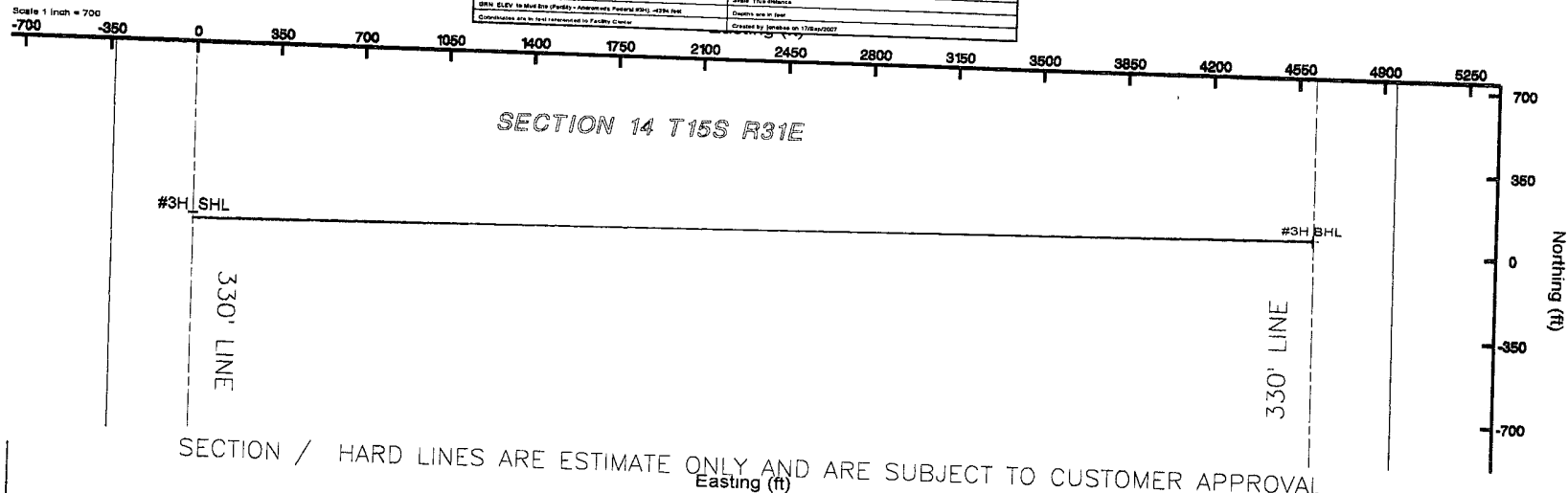
Slot: #3H_SHL
Well: #3H
Wellbore: #3H_PWB

**BAKER
HUGHES**
INTEQ

Well Profile Data

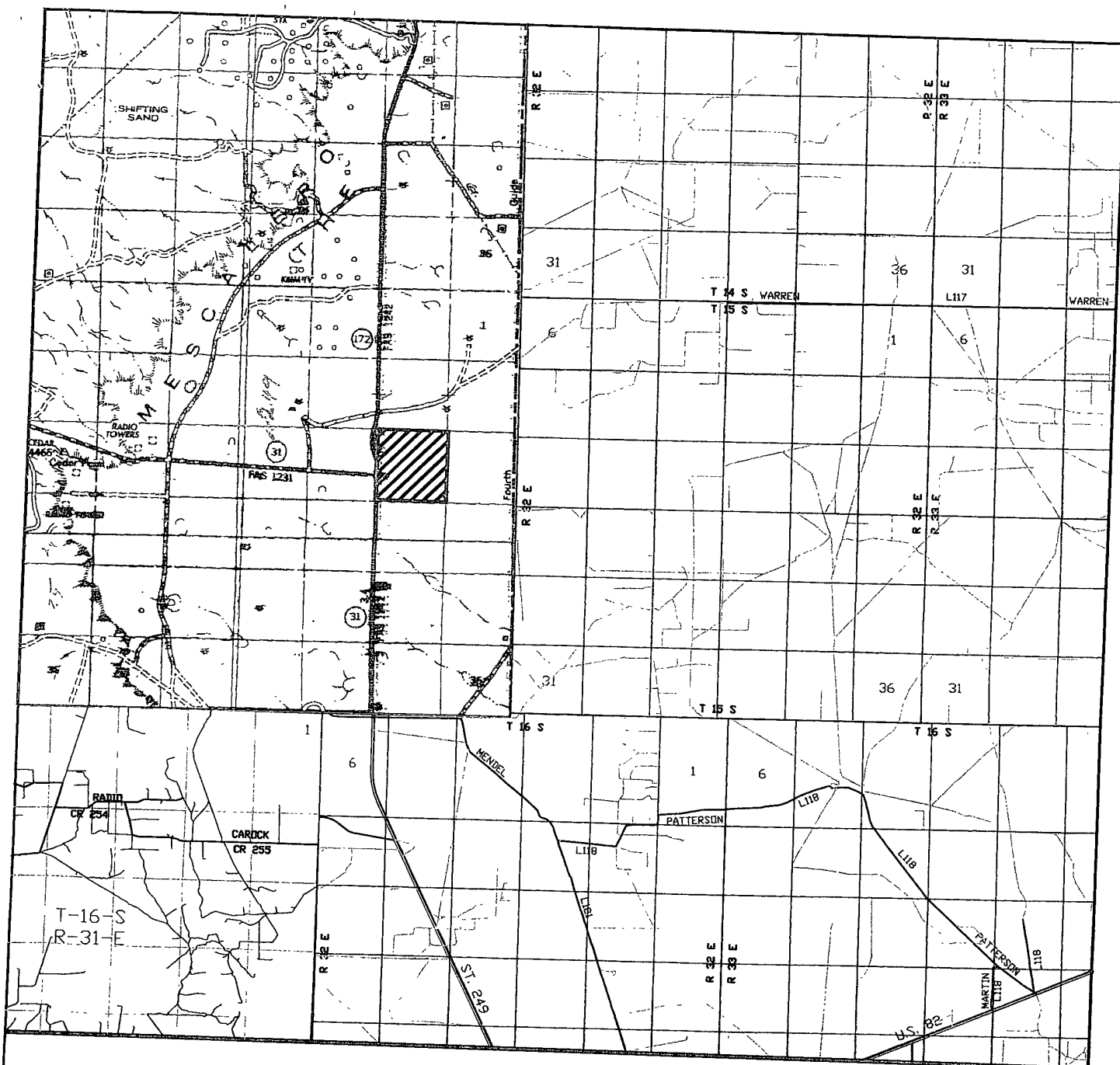
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0.00	0.000	89.287	0.00	0.00	0.00	0.00	0.00
KOP	8285.00	0.000	89.287	8285.00	0.00	0.00	0.00	0.00
EOC	9031.32	89.035	89.287	8765.20	5.88	472.15	11.93	472.18
#3H BHL	13177.84	89.035	89.287	8835.00	57.49	4617.76	0.00	4618.12

Wellhead is located at:	Grid System: NAD83 / T15S R31E (Andromeda)
True vertical depth is referenced to Rig on #3H_SHL (RT)	Grid System: NAD83 / T15S R31E (Andromeda)
Measured depth is referenced to Rig on #3H_SHL (RT)	Grid System: NAD83 / T15S R31E (Andromeda)
Map on #3H_SHL (RT) is 11.93° / 100ft	Grid System: NAD83 / T15S R31E (Andromeda)
Grid ELEV is 4618.12ft (Andromeda Federal #3H) - 4618.12ft	Grid System: NAD83 / T15S R31E (Andromeda)
Coordinates are in feet referenced to Facility Center	Grid System: NAD83 / T15S R31E (Andromeda)



BGGM (1945 0 to 2008 0) Dip 61.00° Field 49488.1 nT
Magnetic North is 8.24 degrees East of True North (at 09/13/07)
Grid North is 0.29 degrees East of True North
To correct azimuth from True to Grid subtract 0.29 degrees
To correct azimuth from Magnetic to Grid add 7.95 degrees

Exhibit "B"



ANDROMEDA FEDERAL #3H
 Located at 1650' FSL and 330 FWL
 Section 14, Township 15 South, Range 31 East,
 N.M.P.M., Chaves County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

W.O. Number: JMS 18364TR

Survey Date: 07-27-2007

Scale: 1" = 2 MILES

Date: 07-30-2007

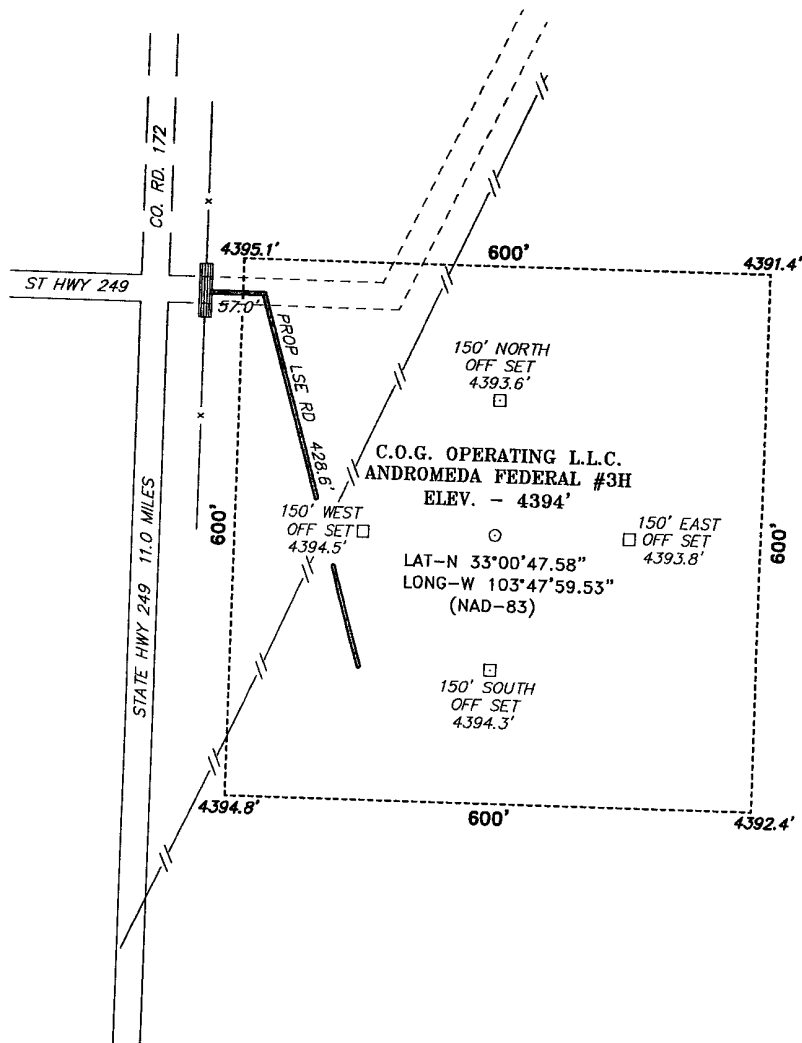
C.O.G.
 OPERATING
 L.L.C.

[illegible]

Located at 1650' FSL and 330 FWL
Section 14, Township 15 South, Range 31 East,
N.M.P.M., Chaves County, New Mexico.

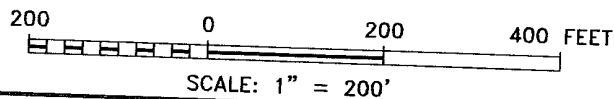
C.O.G.
OPERATING
L.L.C.

SECTION 14, TOWNSHIP 15 SOUTH, RANGE 31 EAST, N.M.P.M.,
CHAVES COUNTY,
NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF U.S. HWY 82 AND STATE
HWY 249, GO NORTH 11.0 MILES TO CO. RD. 172,
TURN RIGHT ON LEASE ROAD AT INTERSECTION AND
PROCEED THROUGH GATE TO PROPOSED LEASE ROAD.



C.O.G. OPERATING L.L.C.

REF: ANDROMEDA FEDERAL #3H / Well Pad Topo
THE ANDROMEDA FEDERAL #3H LOCATED 1650' FROM
THE SOUTH LINE AND 330' FROM THE WEST LINE OF
SECTION 14, TOWNSHIP 15 SOUTH, RANGE 31 EAST,
N.M.P.M., CHAVES COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 18365

Drawn By: J. M. SMALL

Date: 07-30-2007

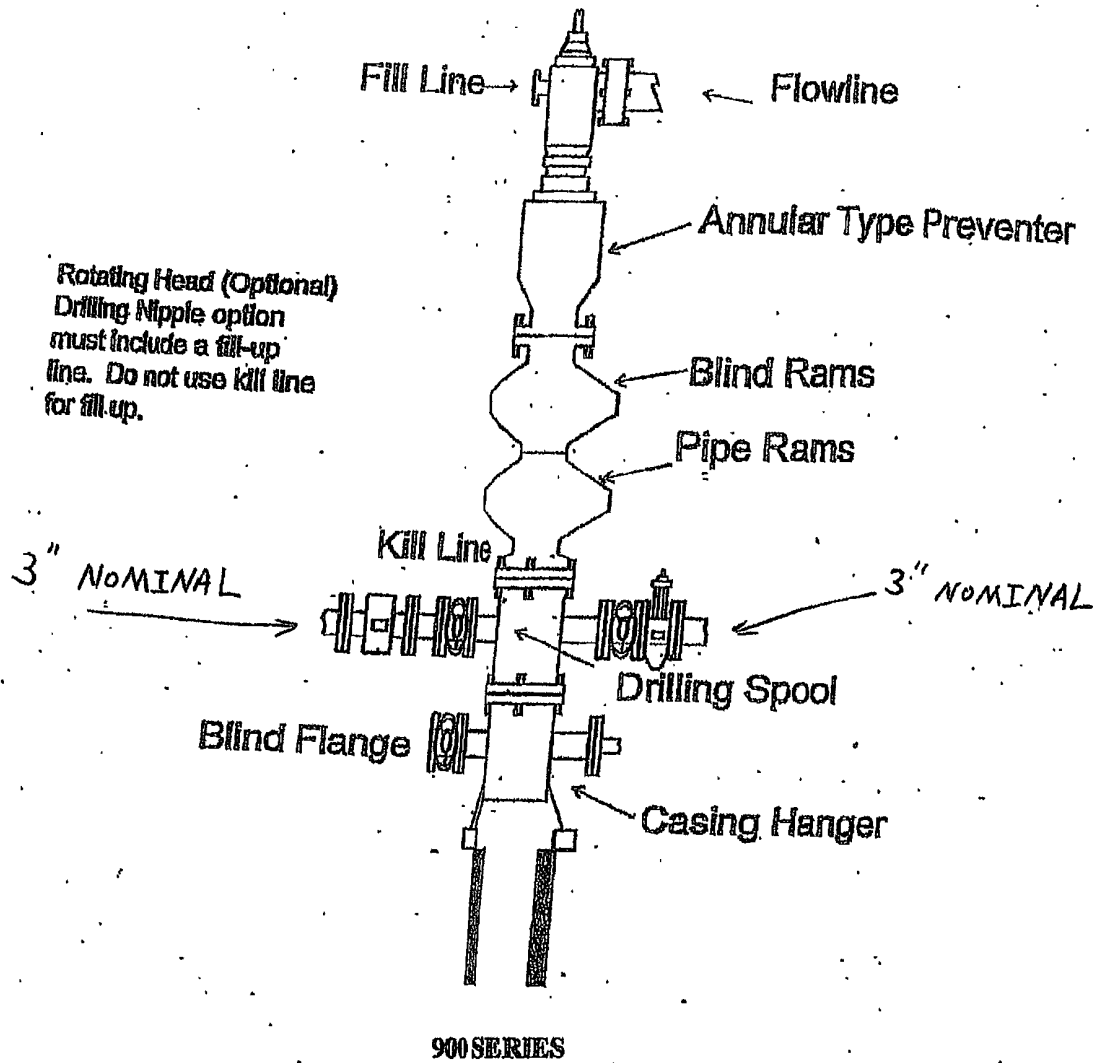
Disk: JMS 18365W

Survey Date: 07-27-2007

Sheet 1 of 1 Sheets

Exhibit "I"

BOPE SCHEMATIC



CHOKE MANIFOLD

3M SERVICE

