

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 reverse side.

1 Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2 Name of Operator
BOPCO, L. P.3a Address
P. O. Box 2760 Midland, TX 797023b Phone No (include area code)
432-683-22774 Location of Well (Footage, Sec, T, R., M, or Survey Description)
Surface: NWSE, 2375' FSL, 1780' FEL, Sec 1, T23S, R30S, Lat N32.33330, Lon W103.83138
BHL: SWNW, 1980' FSL, 330' FWL, Sec 2, T23S, R30E, Lat N32.332281, Long W103.8592255 Lease Serial No
NM0543280A

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

8 Well Name and No
Hudson 1 Federal #9H9 API Well No
30-015-3731010 Field and Pool, or Exploratory Area
Quahada Ridge SE (Delaware)11 County or Parish, State
Eddy Co., NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BOPCO request approval of the revised horizontal drilling plan. The BHL has been moved from 2300' FSL & 1800' FEL, Sec 2, T23S, R30E to 1980' FSL & 330' FWL, Sec 2, T23S, R30E, Eddy County, New Mexico. No change in surface location. Well path has been changed, dedicated acreage has been increased from 200 to 280 acres.

The 4-1/2" casing program will also be changed from 5947' of 4-1/2", 11.6#, N-80, Ultra Flush joint to 8061' of 4-1/2", 11.6#, HCP-110, LTC with Baker packers for zone isolation and 1000' of 4-1/2", 11.6#, HCP-110, Ultra Flush joint. Liner hanger will be set at approx 6710'.

The revised horizontal drilling plan along with new plats are attached.

BOPCO L.P. Bond # on file: COB000050

SUBJECT TO LIKE
APPROVAL BY STATE14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Annette Childers

Title Regulatory Clerk

Signature

Annette Childers

Date

1-11-2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Office

Date

JAN 25 2010

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT

Title 18 USC Section 1001 and Title 43 USC 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)

RECEIVED

JAN 26 2010

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

NMOCD ARTESIA



BOPCO, L.P.

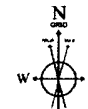
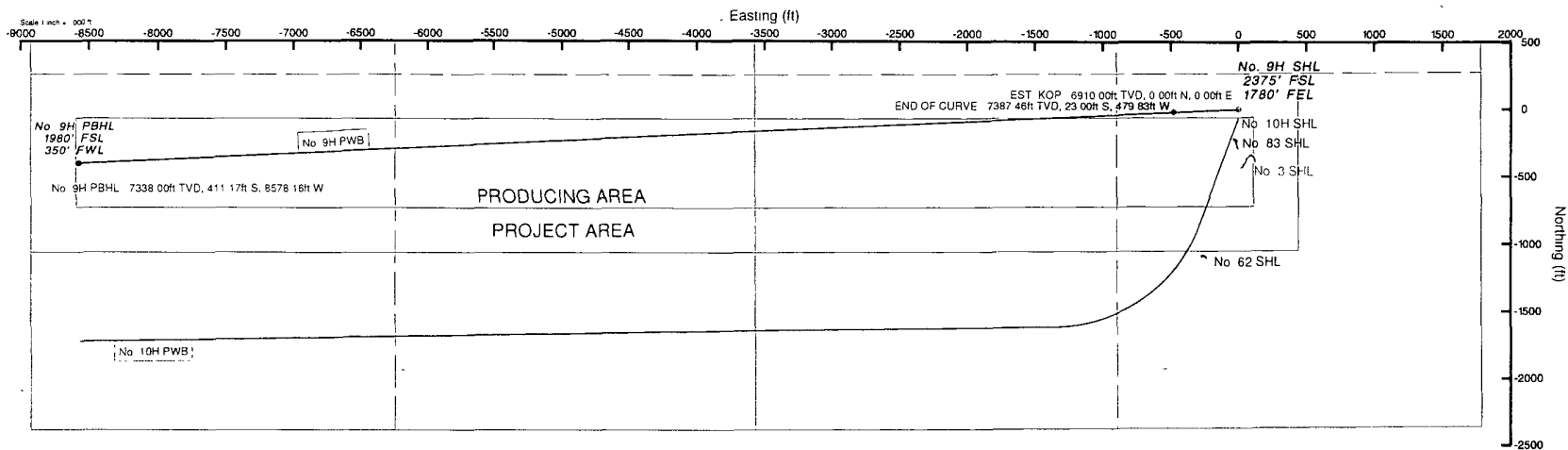
Location Eddy County, NM
Field (Hudson) Sec 1, T23S, R30E
Facility Hudson 1 Fed No. 9H

Slot No 9H SHL
Well No 9H
Wellbore No 9H PWB

Plot reference wellpath is Plan #1

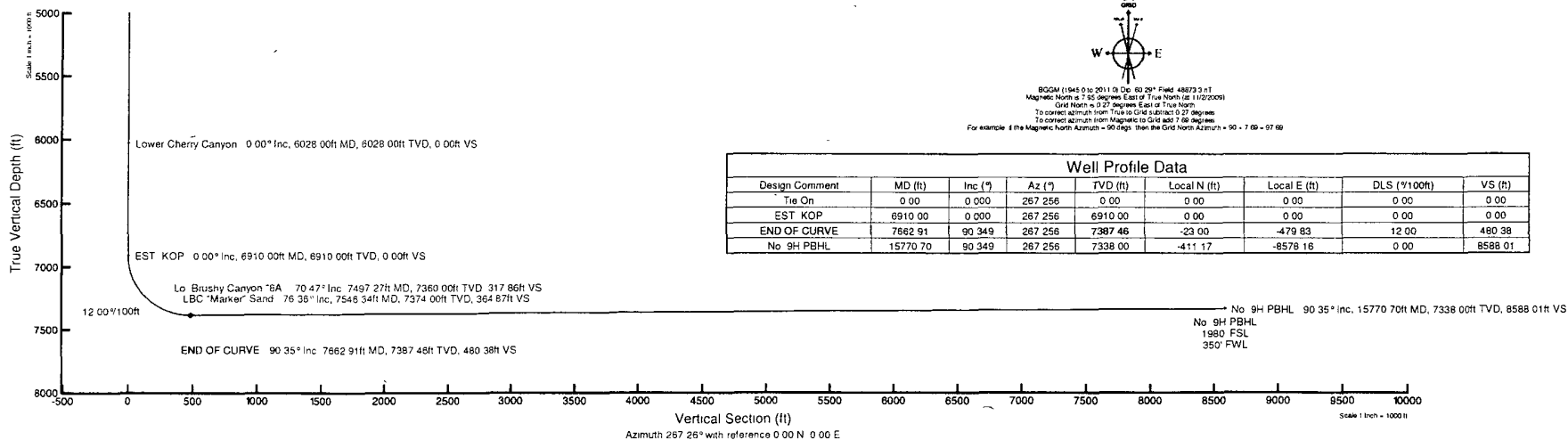
True vertical depths are referenced to Rig on No. 9H SHL (RT)
Measured depths are referenced to Rig on No. 9H SHL (RT)
Rig on No. 9H SHL (RT) to Mean Sea Level 3271 feet
Mean Sea Level to Mud line (Facility Hudson 1 Fed No. 9H) 3271 feet
Coordinates are in feet referenced to Facility Center

Grid System: NAD83 / TM New Mexico State Planes Eastern Zone (3001), US feet
North Reference: Grid north
Scale: True distance
Depths are in feet
Created by: Victor Hernandez on 11/2/2009



RODM (1945 to 2011) Q1 Op 60 29° Field 48873.3 ft
Magnetic North is 7.25 degrees East of True North (as of 11/2/2009)
Grid North is 0.27 degrees East of True North
To correct azimuth from True to Grid add 0.27 degrees
To correct azimuth from Magnetic to Grid add 7.52 degrees
For example if the Magnetic North Azimuth = 90 degrees then the Grid North Azimuth = 90 + 7.52 = 97.52

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	0 00	0 00	267 256	0 00	0 00	0 00	0 00
EST KOP	6910 00	0 00	267 256	6910 00	0 00	0 00	0 00
END OF CURVE	7662 91	90 349	267 256	7387 46	-23 00	-479 83	480 38
No. 9H PBHL	15770 70	90 349	267 256	7338 00	-411 17	-8578 16	8588 01





Planned Wellpath Report

Plan #1
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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 9H SHL
Area	Eddy County, NM	Well	No. 9H
Field	(Hudson) Sec 1, T23S, R30E	Wellbore	No. 9H PWB
Facility	Hudson 1 Fed No. 9H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999937	Report Generated	11/2/2009 at 2:08:45 PM
Convergence at slot	0.27° East	Database/Source file	WA_Midland/No._9H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W
Facility Reference Pt			696371.30	485350.50	32°19'59.887"N	103°49'52.981"W
Field Reference Pt			696371.30	485350.50	32°19'59.887"N	103°49'52.981"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 9H SHL (RT) to Facility Vertical Datum	0.00ft
Horizontal Reference Pt	Facility Center	Rig on No. 9H SHL (RT) to Mean Sea Level	3271.00ft
Vertical Reference Pt	Rig on No. 9H SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 9H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	267.26°



Planned Wellpath Report

Plan #1
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Field	(Hudson) Sec 1, T23S, R30E	Wellbore	No. 9H PWB
Facility	Hudson 1 Fed No. 9H		

WELLPATH DATA (103 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00	0.000	267.256	0.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	Tie On
178.00†	0.000	267.256	178.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	Rustler
488.00†	0.000	267.256	488.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	Base / Rustler
496.00†	0.000	267.256	496.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	Salt
3635.00†	0.000	267.256	3635.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	Base / Salt
3873.00†	0.000	267.256	3873.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	Lamar Lime
3919.00†	0.000	267.256	3919.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	Ramsey
6028.00†	0.000	267.256	6028.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	Lower Cherry Canyon
6910.00	0.000	267.256	6910.00	0.00	0.00	0.00	696371.30	485350.50	32°19'59.887"N	103°49'52.981"W	0.00	EST KOP
7010.00†	12.000	267.256	7009.27	10.43	-0.50	-10.42	696360.88	485350.00	32°19'59.882"N	103°49'53.102"W	12.00	
7110.00†	24.000	267.256	7104.20	41.28	-1.98	-41.23	696330.07	485348.52	32°19'59.869"N	103°49'53.461"W	12.00	
7210.00†	36.000	267.256	7190.65	91.19	-4.37	-91.08	696280.22	485346.13	32°19'59.848"N	103°49'54.042"W	12.00	
7310.00†	48.000	267.256	7264.83	157.98	-7.56	-157.80	696213.51	485342.94	32°19'59.819"N	103°49'54.820"W	12.00	
7410.00†	60.000	267.256	7323.50	238.73	-11.43	-238.46	696132.86	485339.07	32°19'59.784"N	103°49'55.760"W	12.00	
7497.27†	70.472	267.256	7360.00	317.86	-15.22	-317.50	696053.82	485335.28	32°19'59.751"N	103°49'56.682"W	12.00	Lo. Brushy Canyon "8A"
7510.00†	72.000	267.256	7364.10	329.92	-15.80	-329.54	696041.78	485334.71	32°19'59.745"N	103°49'56.822"W	12.00	
7546.34†	76.361	267.256	7374.00	364.87	-17.47	-364.46	696006.87	485333.03	32°19'59.731"N	103°49'57.229"W	12.00	LBC "Marker" Sand
7610.00†	84.000	267.256	7384.85	427.56	-20.47	-427.07	695944.26	485330.03	32°19'59.704"N	103°49'57.959"W	12.00	
7662.91	90.349	267.256	7387.46	480.38	-23.00	-479.83	695891.50	485327.50	32°19'59.681"N	103°49'58.574"W	12.00	END OF CURVE
7710.00†	90.349	267.256	7387.17	527.46	-25.25	-526.86	695844.48	485325.25	32°19'59.661"N	103°49'59.122"W	0.00	
7810.00†	90.349	267.256	7386.56	627.46	-30.04	-626.74	695744.60	485320.46	32°19'59.618"N	103°50'00.287"W	0.00	
7910.00†	90.349	267.256	7385.95	727.46	-34.83	-726.63	695644.72	485315.67	32°19'59.576"N	103°50'01.451"W	0.00	
8010.00†	90.349	267.256	7385.34	827.46	-39.62	-826.51	695544.84	485310.89	32°19'59.533"N	103°50'02.615"W	0.00	
8110.00†	90.349	267.256	7384.73	927.46	-44.40	-926.39	695444.97	485306.10	32°19'59.490"N	103°50'03.780"W	0.00	
8210.00†	90.349	267.256	7384.12	1027.45	-49.19	-1026.28	695345.09	485301.31	32°19'59.447"N	103°50'04.944"W	0.00	
8310.00†	90.349	267.256	7383.51	1127.45	-53.98	-1126.16	695245.21	485296.52	32°19'59.404"N	103°50'06.108"W	0.00	
8410.00†	90.349	267.256	7382.90	1227.45	-58.77	-1226.04	695145.34	485291.74	32°19'59.362"N	103°50'07.273"W	0.00	
8510.00†	90.349	267.256	7382.29	1327.45	-63.55	-1325.93	695045.46	485286.95	32°19'59.319"N	103°50'08.437"W	0.00	
8610.00†	90.349	267.256	7381.68	1427.45	-68.34	-1425.81	694945.58	485282.16	32°19'59.276"N	103°50'09.602"W	0.00	
8710.00†	90.349	267.256	7381.07	1527.45	-73.13	-1525.69	694845.71	485277.38	32°19'59.233"N	103°50'10.766"W	0.00	



Planned Wellpath Report

Plan #1

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 9H SHL
Area	Eddy County, NM	Well	No. 9H
Field	(Hudson) Sec 1, T23S, R30E	Wellbore	No. 9H PWB
Facility	Hudson 1 Fed No. 9H		

WELLPATH DATA (103 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8810.00†	90.349	267.256	7380.46	1627.44	-77.92	-1625.58	694745.83	485272.59	32°19'59.191"N	103°50'11.930"W	0.00	
8910.00†	90.349	267.256	7379.85	1727.44	-82.70	-1725.46	694645.95	485267.80	32°19'59.148"N	103°50'13.095"W	0.00	
9010.00†	90.349	267.256	7379.24	1827.44	-87.49	-1825.34	694546.08	485263.01	32°19'59.105"N	103°50'14.259"W	0.00	
9110.00†	90.349	267.256	7378.63	1927.44	-92.28	-1925.23	694446.20	485258.23	32°19'59.062"N	103°50'15.423"W	0.00	
9210.00†	90.349	267.256	7378.02	2027.44	-97.07	-2025.11	694346.32	485253.44	32°19'59.019"N	103°50'16.588"W	0.00	
9310.00†	90.349	267.256	7377.41	2127.43	-101.86	-2124.99	694246.44	485248.65	32°19'58.977"N	103°50'17.752"W	0.00	
9410.00†	90.349	267.256	7376.80	2227.43	-106.64	-2224.88	694146.57	485243.86	32°19'58.934"N	103°50'18.916"W	0.00	
9510.00†	90.349	267.256	7376.19	2327.43	-111.43	-2324.76	694046.69	485239.08	32°19'58.891"N	103°50'20.081"W	0.00	
9610.00†	90.349	267.256	7375.58	2427.43	-116.22	-2424.64	693946.81	485234.29	32°19'58.848"N	103°50'21.245"W	0.00	
9710.00†	90.349	267.256	7374.97	2527.43	-121.01	-2524.53	693846.94	485229.50	32°19'58.805"N	103°50'22.409"W	0.00	
9810.00†	90.349	267.256	7374.36	2627.42	-125.79	-2624.41	693747.06	485224.71	32°19'58.762"N	103°50'23.574"W	0.00	
9910.00†	90.349	267.256	7373.75	2727.42	-130.58	-2724.30	693647.18	485219.93	32°19'58.720"N	103°50'24.738"W	0.00	
10010.00†	90.349	267.256	7373.14	2827.42	-135.37	-2824.18	693547.31	485215.14	32°19'58.677"N	103°50'25.902"W	0.00	
10110.00†	90.349	267.256	7372.53	2927.42	-140.16	-2924.06	693447.43	485210.35	32°19'58.634"N	103°50'27.067"W	0.00	
10210.00†	90.349	267.256	7371.92	3027.42	-144.94	-3023.95	693347.55	485205.57	32°19'58.591"N	103°50'28.231"W	0.00	
10310.00†	90.349	267.256	7371.31	3127.42	-149.73	-3123.83	693247.68	485200.78	32°19'58.548"N	103°50'29.395"W	0.00	
10410.00†	90.349	267.256	7370.70	3227.41	-154.52	-3223.71	693147.80	485195.99	32°19'58.505"N	103°50'30.560"W	0.00	
10510.00†	90.349	267.256	7370.09	3327.41	-159.31	-3323.60	693047.92	485191.20	32°19'58.463"N	103°50'31.724"W	0.00	
10610.00†	90.349	267.256	7369.48	3427.41	-164.09	-3423.48	692948.04	485186.42	32°19'58.420"N	103°50'32.888"W	0.00	
10710.00†	90.349	267.256	7368.87	3527.41	-168.88	-3523.36	692848.17	485181.63	32°19'58.377"N	103°50'34.053"W	0.00	
10810.00†	90.349	267.256	7368.26	3627.41	-173.67	-3623.25	692748.29	485176.84	32°19'58.334"N	103°50'35.217"W	0.00	
10910.00†	90.349	267.256	7367.65	3727.40	-178.46	-3723.13	692648.41	485172.05	32°19'58.291"N	103°50'36.381"W	0.00	
11010.00†	90.349	267.256	7367.04	3827.40	-183.24	-3823.01	692548.54	485167.27	32°19'58.248"N	103°50'37.546"W	0.00	
11110.00†	90.349	267.256	7366.43	3927.40	-188.03	-3922.90	692448.66	485162.48	32°19'58.206"N	103°50'38.710"W	0.00	
11210.00†	90.349	267.256	7365.82	4027.40	-192.82	-4022.78	692348.78	485157.69	32°19'58.163"N	103°50'39.875"W	0.00	
11269.58†	90.349	267.256	7365.46	4086.98	-195.67	-4082.29	692289.27	485154.84	32°19'58.137"N	103°50'40.568"W	0.00	
11310.00†	90.349	267.256	7365.21	4127.40	-197.61	-4122.66	692248.91	485152.91	32°19'58.120"N	103°50'41.039"W	0.00	
11410.00†	90.349	267.256	7364.60	4227.40	-202.40	-4222.55	692149.03	485148.12	32°19'58.077"N	103°50'42.203"W	0.00	
11510.00†	90.349	267.256	7363.99	4327.39	-207.18	-4322.43	692049.15	485143.33	32°19'58.034"N	103°50'43.368"W	0.00	
11610.00†	90.349	267.256	7363.38	4427.39	-211.97	-4422.31	691949.27	485138.54	32°19'57.991"N	103°50'44.532"W	0.00	



Planned Wellpath Report

Plan #1

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INTEQ

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Operator	BOPCO, L.P.	Slot	No. 9H SHL
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WELLPATH DATA (103 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11710.00†	90.349	267.256	7362.77	4527.39	-216.76	-4522.20	691849.40	485133.76	32°19'57.948"N	103°50'45.696"W	0.00	
11810.00†	90.349	267.256	7362.16	4627.39	-221.55	-4622.08	691749.52	485128.97	32°19'57.905"N	103°50'46.861"W	0.00	
11910.00†	90.349	267.256	7361.55	4727.39	-226.33	-4721.96	691649.64	485124.18	32°19'57.863"N	103°50'48.025"W	0.00	
12010.00†	90.349	267.256	7360.94	4827.38	-231.12	-4821.85	691549.77	485119.39	32°19'57.820"N	103°50'49.189"W	0.00	
12110.00†	90.349	267.256	7360.33	4927.38	-235.91	-4921.73	691449.89	485114.61	32°19'57.777"N	103°50'50.354"W	0.00	
12210.00†	90.349	267.256	7359.72	5027.38	-240.70	-5021.61	691350.01	485109.82	32°19'57.734"N	103°50'51.518"W	0.00	
12310.00†	90.349	267.256	7359.11	5127.38	-245.48	-5121.50	691250.14	485105.03	32°19'57.691"N	103°50'52.682"W	0.00	
12410.00†	90.349	267.256	7358.50	5227.38	-250.27	-5221.38	691150.26	485100.24	32°19'57.648"N	103°50'53.847"W	0.00	
12510.00†	90.349	267.256	7357.89	5327.37	-255.06	-5321.27	691050.38	485095.46	32°19'57.605"N	103°50'55.011"W	0.00	
12610.00†	90.349	267.256	7357.28	5427.37	-259.85	-5421.15	690950.51	485090.67	32°19'57.562"N	103°50'56.175"W	0.00	
12710.00†	90.349	267.256	7356.67	5527.37	-264.63	-5521.03	690850.63	485085.88	32°19'57.519"N	103°50'57.340"W	0.00	
12810.00†	90.349	267.256	7356.06	5627.37	-269.42	-5620.92	690750.75	485081.10	32°19'57.477"N	103°50'58.504"W	0.00	
12910.00†	90.349	267.256	7355.45	5727.37	-274.21	-5720.80	690650.87	485076.31	32°19'57.434"N	103°50'59.668"W	0.00	
13010.00†	90.349	267.256	7354.84	5827.37	-279.00	-5820.68	690551.00	485071.52	32°19'57.391"N	103°51'00.833"W	0.00	
13110.00†	90.349	267.256	7354.23	5927.36	-283.78	-5920.57	690451.12	485066.73	32°19'57.348"N	103°51'01.997"W	0.00	
13210.00†	90.349	267.256	7353.62	6027.36	-288.57	-6020.45	690351.24	485061.95	32°19'57.305"N	103°51'03.161"W	0.00	
13310.00†	90.349	267.256	7353.01	6127.36	-293.36	-6120.33	690251.37	485057.16	32°19'57.262"N	103°51'04.326"W	0.00	
13410.00†	90.349	267.256	7352.40	6227.36	-298.15	-6220.22	690151.49	485052.37	32°19'57.219"N	103°51'05.490"W	0.00	
13510.00†	90.349	267.256	7351.79	6327.36	-302.94	-6320.10	690051.61	485047.58	32°19'57.176"N	103°51'06.654"W	0.00	
13564.74†	90.349	267.256	7351.46	6382.09	-305.56	-6374.77	689996.94	485044.96	32°19'57.153"N	103°51'07.292"W	0.00	
13610.00†	90.349	267.256	7351.18	6427.35	-307.72	-6419.98	689951.74	485042.80	32°19'57.133"N	103°51'07.819"W	0.00	
13710.00†	90.349	267.256	7350.57	6527.35	-312.51	-6519.87	689851.86	485038.01	32°19'57.090"N	103°51'08.983"W	0.00	
13810.00†	90.349	267.256	7349.96	6627.35	-317.30	-6619.75	689751.98	485033.22	32°19'57.047"N	103°51'10.147"W	0.00	
13910.00†	90.349	267.256	7349.35	6727.35	-322.09	-6719.63	689652.11	485028.44	32°19'57.004"N	103°51'11.312"W	0.00	
14010.00†	90.349	267.256	7348.74	6827.35	-326.87	-6819.52	689552.23	485023.65	32°19'56.961"N	103°51'12.476"W	0.00	
14110.00†	90.349	267.256	7348.13	6927.34	-331.66	-6919.40	689452.35	485018.86	32°19'56.918"N	103°51'13.640"W	0.00	
14210.00†	90.349	267.256	7347.52	7027.34	-336.45	-7019.28	689352.47	485014.07	32°19'56.875"N	103°51'14.805"W	0.00	
14310.00†	90.349	267.256	7346.91	7127.34	-341.24	-7119.17	689252.60	485009.29	32°19'56.833"N	103°51'15.969"W	0.00	
14410.00†	90.349	267.256	7346.30	7227.34	-346.02	-7219.05	689152.72	485004.50	32°19'56.790"N	103°51'17.133"W	0.00	
14510.00†	90.349	267.256	7345.69	7327.34	-350.81	-7318.93	689052.84	484999.71	32°19'56.747"N	103°51'18.298"W	0.00	



Planned Wellpath Report

Plan #1
Page 5 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 9H SHL
Area	Eddy County, NM	Well	No. 9H
Field	(Hudson) Sec 1, T23S, R30E	Wellbore	No. 9H PWB
Facility	Hudson 1 Fed No. 9H		

WELLPATH DATA (103 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
14610.00†	90.349	267.256	7345.08	7427.34	-355.60	-7418.82	688952.97	484994.92	32°19'56.704"N	103°51'19.462"W	0.00	
14710.00†	90.349	267.256	7344.47	7527.33	-360.39	-7518.70	688853.09	484990.14	32°19'56.661"N	103°51'20.626"W	0.00	
14810.00†	90.349	267.256	7343.86	7627.33	-365.17	-7618.59	688753.21	484985.35	32°19'56.618"N	103°51'21.791"W	0.00	
14910.00†	90.349	267.256	7343.25	7727.33	-369.96	-7718.47	688653.34	484980.56	32°19'56.575"N	103°51'22.955"W	0.00	
15010.00†	90.349	267.256	7342.64	7827.33	-374.75	-7818.35	688553.46	484975.77	32°19'56.532"N	103°51'24.119"W	0.00	
15110.00†	90.349	267.256	7342.03	7927.33	-379.54	-7918.24	688453.58	484970.99	32°19'56.489"N	103°51'25.284"W	0.00	
15210.00†	90.349	267.256	7341.42	8027.32	-384.32	-8018.12	688353.71	484966.20	32°19'56.446"N	103°51'26.448"W	0.00	
15310.00†	90.349	267.256	7340.81	8127.32	-389.11	-8118.00	688253.83	484961.41	32°19'56.403"N	103°51'27.612"W	0.00	
15410.00†	90.349	267.256	7340.20	8227.32	-393.90	-8217.89	688153.95	484956.63	32°19'56.360"N	103°51'28.777"W	0.00	
15510.00†	90.349	267.256	7339.59	8327.32	-398.69	-8317.77	688054.07	484951.84	32°19'56.317"N	103°51'29.941"W	0.00	
15610.00†	90.349	267.256	7338.98	8427.32	-403.48	-8417.65	687954.20	484947.05	32°19'56.274"N	103°51'31.105"W	0.00	
15710.00†	90.349	267.256	7338.37	8527.32	-408.26	-8517.54	687854.32	484942.26	32°19'56.231"N	103°51'32.270"W	0.00	
15770.70	90.349	267.256	7338.00	8588.01	-411.17	-8578.16	687793.70	484939.36	32°19'56.205"N	103°51'32.976"W	0.00	No 9H PBHL

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) No. 9H PBHL	15770.70	7338.00	-411.17	-8578.16	687793.70	484939.36	32°19'56.205"N	103°51'32.976"W	point

SURVEY PROGRAM Ref Wellbore: No. 9H PWB Ref Wellpath: Plan #1

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	15770.70	NaviTrak (Standard)		No. 9H PWB

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 Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 50470	Pool Name Quahada Ridge, SE (Delaware)
Property Code 306408	Property Name HUDSON "1" FEDERAL	Well Number 9H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3271'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	23 S	30 E		2375	SOUTH	1780	EAST	EDDY

Bottom Hole Location If Different From Surface

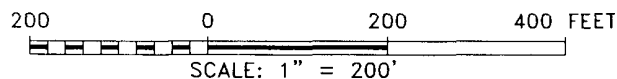
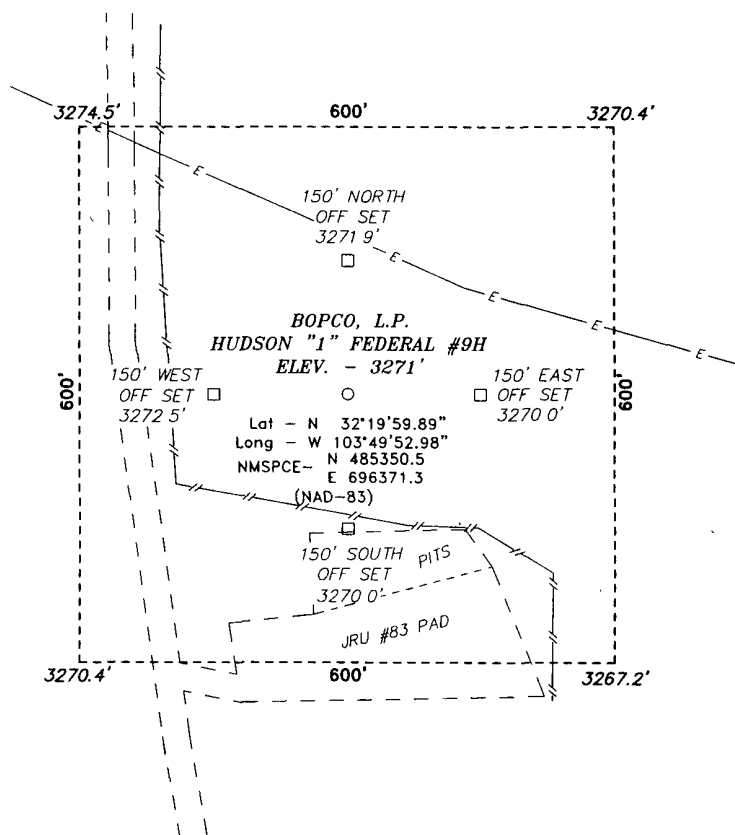
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	2	23 S	30 E		1980	SOUTH	330	WEST	EDDY

Dedicated Acres 200	Joint or Infill N	Consolidation Code	Order No.
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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

PROPOSED BOTTOM HOLE LOCATION Lat - N 32°19'56.21" Long - W 103°51'33.21" NMSPCE- N 484939.376 E 687773.698 (NAD-83) PROPOSED L. BRUSHY CANYON ENTRY POINT Lat - N 32°19'59.73" Long - W 103°49'57.23" NMSPCE- N 485333.03 E 696006.87 (NAD-83) PROPOSED DELAWARE ENTRY POINT Lat - N 32°19'59.89" Long - W 103°49'52.98" NMSPCE- N 485350.5 E 696371.3 (NAD-83) SURFACE LOCATION Lat - N 32°19'59.89" Long - W 103°49'52.98" NMSPCE- N 485350.5 E 696371.3 (NAD-83)							
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: <u>Jordan R. Evans</u> Date: <u>1-11-10</u> Printed Name: <u>Jordan R. Evans</u> 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 Surveyed: <u>MAY 18 2005</u> Signature & Seal: <u>[Signature]</u> Professional Surveyor: <u>7977</u> Certificate No. <u>7977</u> BASIN SURVEYS							

SECTION 1, TOWNSHIP 23 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Directions to Location

FROM THE JUNCTION OF HWY 128 AND WIPP ROAD,
GO NORTH 0.8 MILES TO LEASE ROAD, ON LEASE
ROAD GO WEST 0.4 MILES TO LEASE ROAD, ON
LEASE ROAD GO SOUTH 0.4 TO PROPOSED LOCATION

BOPCO, L.P.

REF: HUDSON "1" FEDERAL #9H / WELL PAD TOPO

THE HUDSON "1" FEDERAL #9H LOCATED 2375'
FROM THE SOUTH LINE AND 1780' FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH, RANGE 30 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

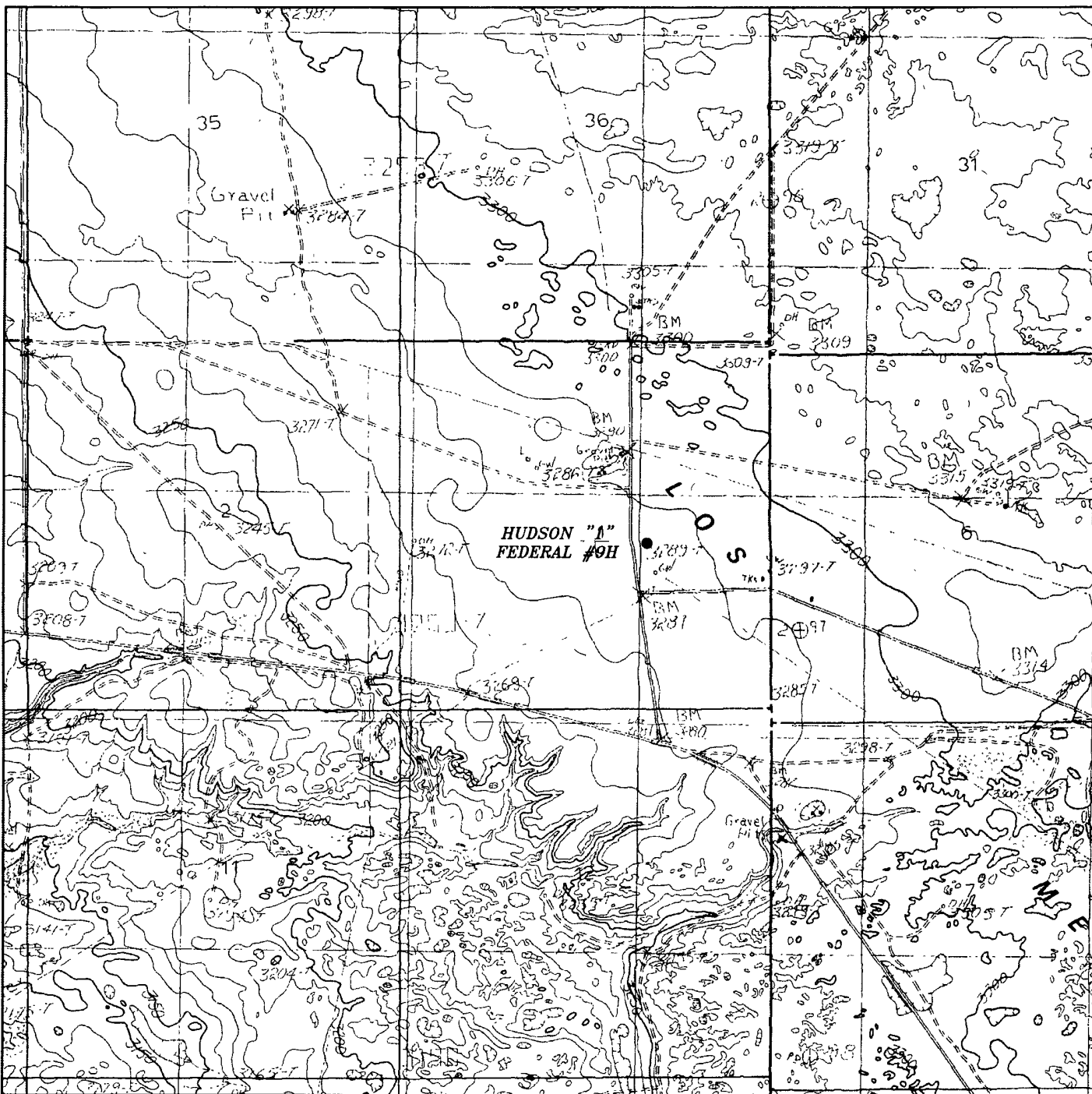
BASIN SURVEYS P O BOX 1786-HOBBS, NEW MEXICO

W O Number 21181 Drawn By J. SMALL

Date: 05-18-2009 Disk: JMS 21181

Survey Date 05-18-2009

Sheet 1 of 1 Sheets



HUDSON "1" FEDERAL #9H
 Located 2375' FSL and 1780' FEL
 Section 1, Township 23 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.

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P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

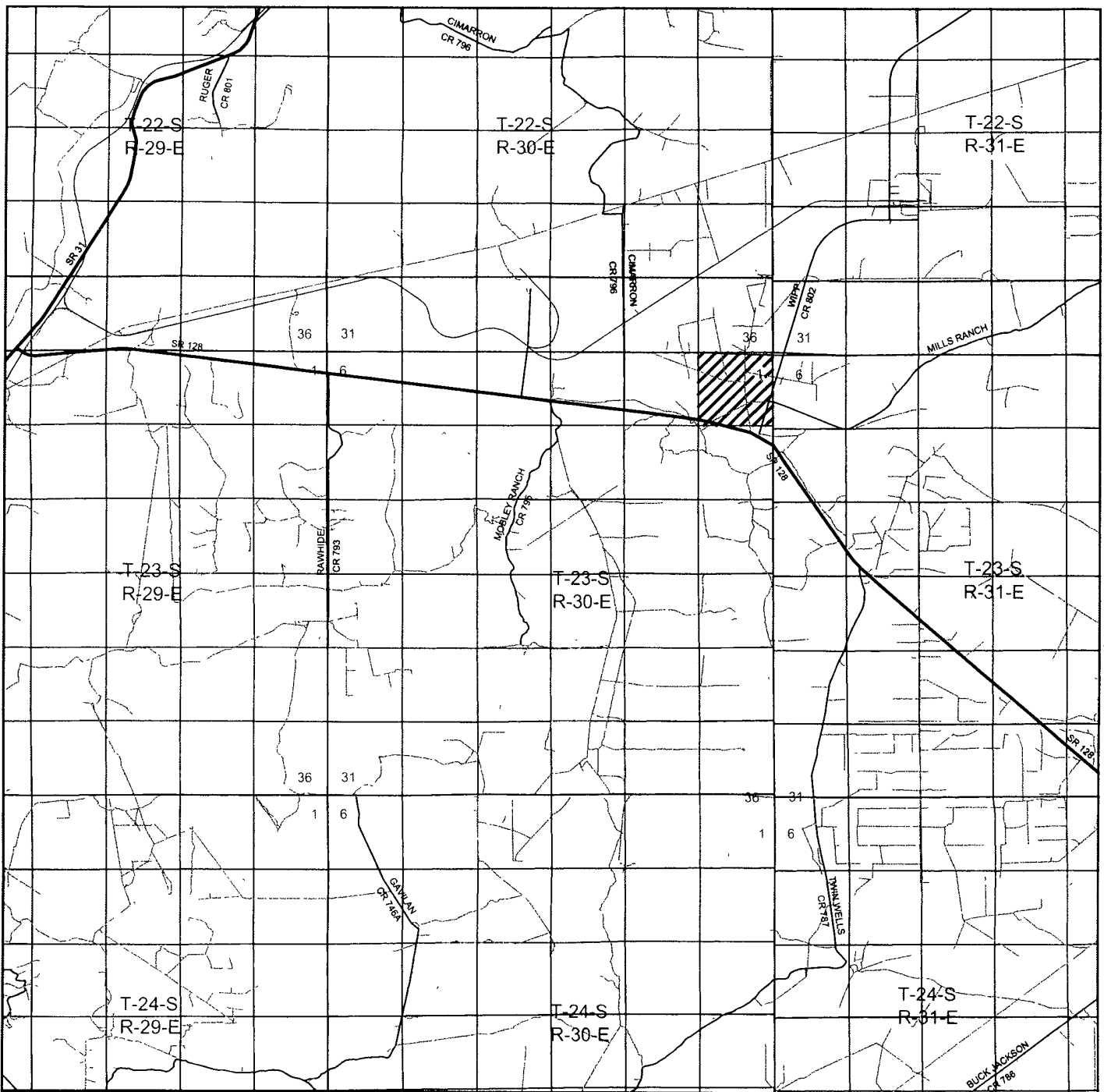
W O Number. JMS 21181

Survey Date. 05-18-2009

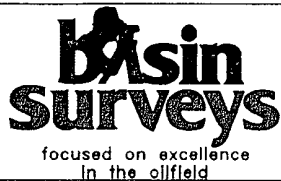
Scale 1" = 2000'

Date 05-18-2009

BOPCO, L.P.



HUDSON "1" FEDERAL #9H
 Located 2375' FSL and 1780' FEL
 Section 1, Township 23 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.



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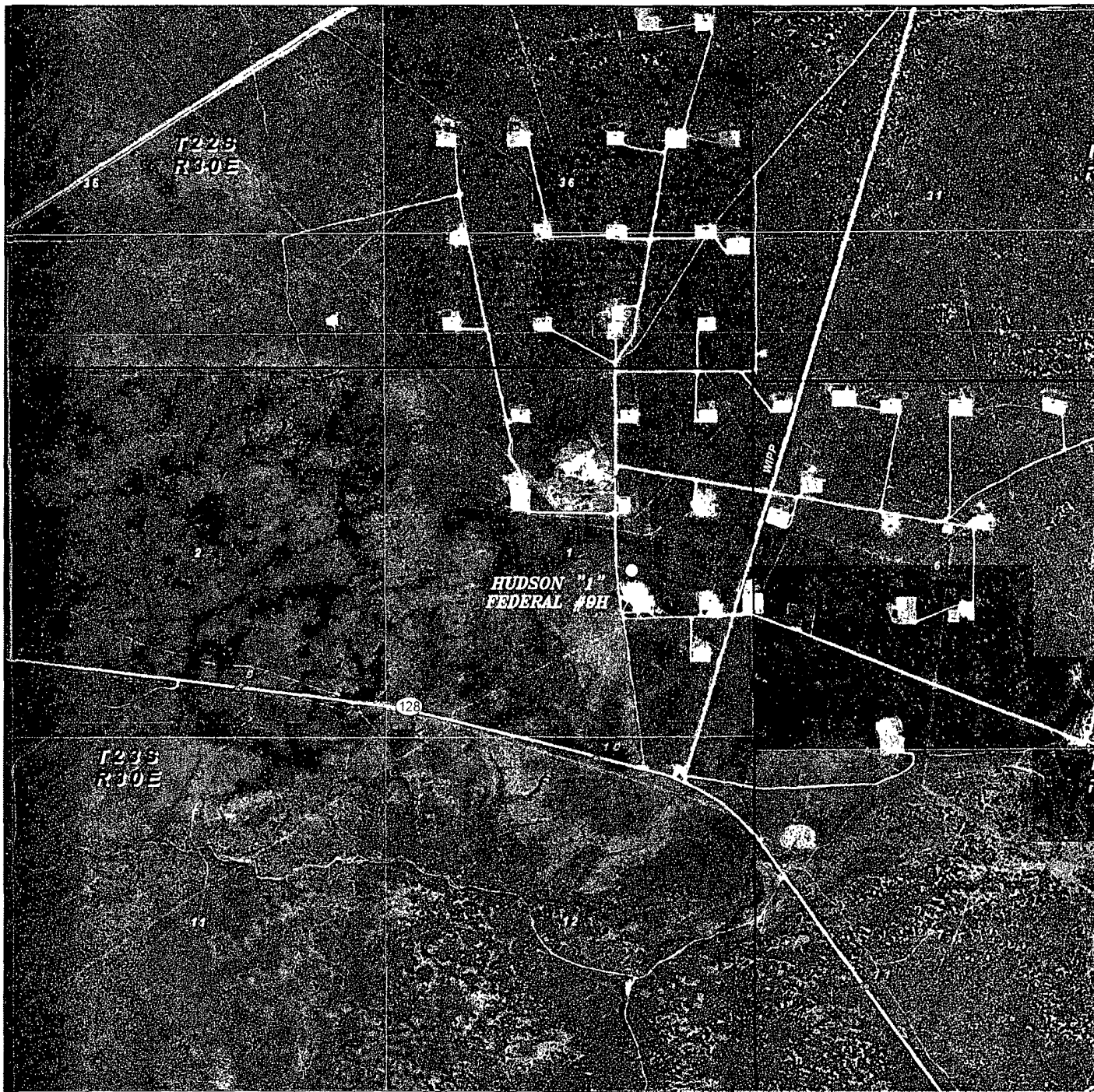
W.O. Number. JMS 21181

Survey Date: 05-18-2009

Scale: 1" = 2 Miles

Date: 05-18-2009

BOPCO, L.P.



HUDSON "1" FEDERAL #9H
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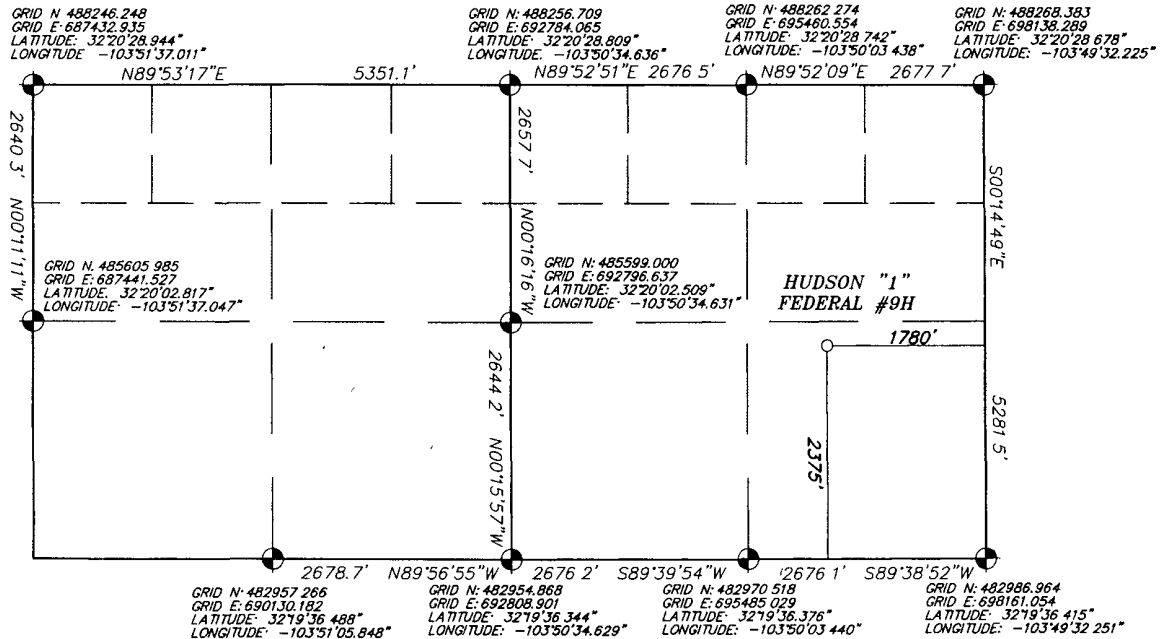
W.O. Number JMS 21181

Scale 1" = 2000'

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND

BOPCO, L.P.

SECTION 1, TOWNSHIP 23 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



HUDSON "1" FEDERAL #9H
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Scale: 1" = 1000'

Date 05-18-2009

BOPCO, L.P.