

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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
BOPCO, L.P.

3. Address
P.O. Box 2760 Midland TX 79702

3.a Phone No (Include area code)
(432)683-2277

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

At Surface UL J, 2300' FSL, 1780' FEL

At top prod interval reported below Same

At total depth UL M, 742' FSL, 364' FWL, Sec 2, T23S, R30E

14. Date Spudded
03/13/2010

15 Date T.D. Reached
05/17/2010

16 Date Completed
☐ D & A ☒ Ready to Prod.
08/15/2010

18. Total Depth: MD 16,274'
TVD 7324'

19 Plug Back T.D.: MD na
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Gamma Ray/CCL
Compensated Neutron Log

22 Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.50# *	0	572' TVD		600 sxs		0' Circ	
12-1/4"	9-5/8"	40# **	0	3913' TVD		1250 sxs		0' Circ	
8-3/4"	7"	26# ***	0	9727'	5022"	800 sxs Stg I		5022' DV	
						600 sxs Stg II		200' TOC	
6-1/8"	4-1/2"	11.6# *	9600'	16,270'					

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"	6,864'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Delaware	3880'	7,324' TVD	9,826'-16,215'	pre perf		Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9,826'-16,215'	Frac'd w/ 219,596 gals WF25 & WF30, 1,300,678 gals YF125ST & YF130S w/ 13,582,869# 16/80 Ottawa
24 stages (#7 never completed)	

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
08/04/10	08/15/10	24	→	497	552	2269	39.4	.83	Gas Lift
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
WO	1200	250	→				1110.66	Producing	

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	
			→						

(See Instructions and spaces for additional data on page 2)

RECEIVED
SEP 29 2010
NMOCD ARTESIA

ACCEPTED FOR RECORD

SEP 22 2010

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers).

Show all important zones or 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
Bell Canyon	3926'	3790'	Sandstone	T/Rustler	186'
Cherry Canyon	4790'	6,052'	Sandstone	T/Salt	586'
Brushy Canyon	6,052'	not reached	Sandstone	B/Salt	3640'
				T/Lamar	3880'
				T/Bell Canyon	3926'
				T/Cherry Canyon	4,790'
				T/Lower Cherry Canyon	6,030'
				T/Brushy Canyon	6,052'

32. Additional remarks (include plugging procedure):

* 54.50# J-55 STC
 ** 40# J55 LTC
 *** 26# P110 LTC
 *11.6# HCP-110 LTC

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geological 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) Valerie Truax Title Regulatory Clerk

Signature

Date 08/24/2010

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

1626 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artale, NM 88210

DISTRICT III

1000 Elmo Briscoe Rd., Artes, NM 87410

DISTRICT IV

1220 St. Francis Dr., Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102
Revised October 12, 2005

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37309	Pool Code 50470	Pool Name Quahada Ridge (Delaware)
Property Code 306408	Property Name HUDSON "1" FEDERAL	Well Number 10H
OCRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3290'

Surface Location

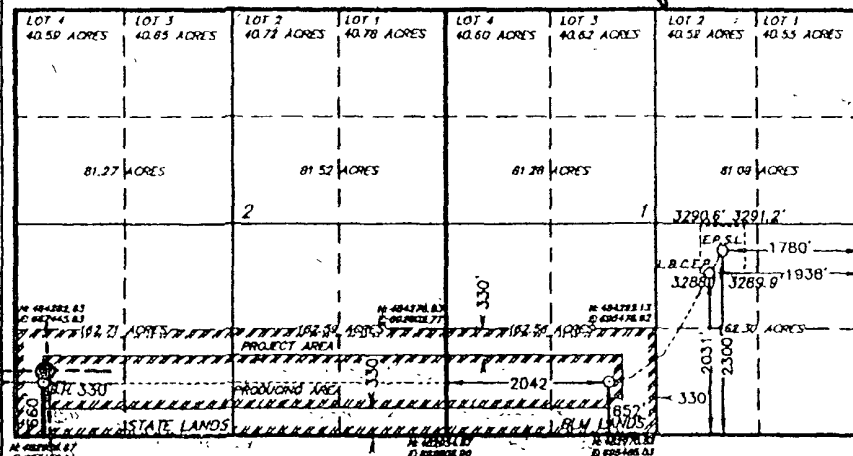
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	23 S	30 E		2300	SOUTH	1780	EAST	EDDY

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
M	2	23 S	30 E		742	SOUTH	364	WEST	EDDY
Dedicated Acres		Joint or Infill	Consolidation Code		Order No.				
240		N							

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

"Survey certification for
surface location only."



PROPOSED BOTTOM HOLE LOCATION
LAT -- N32°19'43.14"
LONG -- W103°51'33.23"
SPC- N.: 483619.372
E.: 687777.994
(NAD-83)

PROP. LOWER BUSHY CANYON ENTRY POINT
LAT - N32°19'56.48"
LONG - W103°49'54.82"
SPC- N.: 485005.61
E.: 696214.75
(NAD-83)

SURFACE LOCATION
LAT - N32°19'59.15"
LONG - W103°49'02.99"
N.: 485276.080
SPC- E.: 696370.908
(NAD-83)

PROPOSED INTERMEDIATE TARGET
LAT - N32°19'42.82"
LONG - W103°50'10.83"
SPC- N.: 483618.79
E.: 694847.81
(NAD-83)

PROPOSED DELAWARE ENTRY POINT
LAT - N32°19'59.15"
LONG. - W103°49'52.99"
SPC- N.: 485276.080
E.: 696370.908
(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 an undivided 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 Bruce H. A. Date 3/3/10

Brian D. Hammit
Printed Name

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.

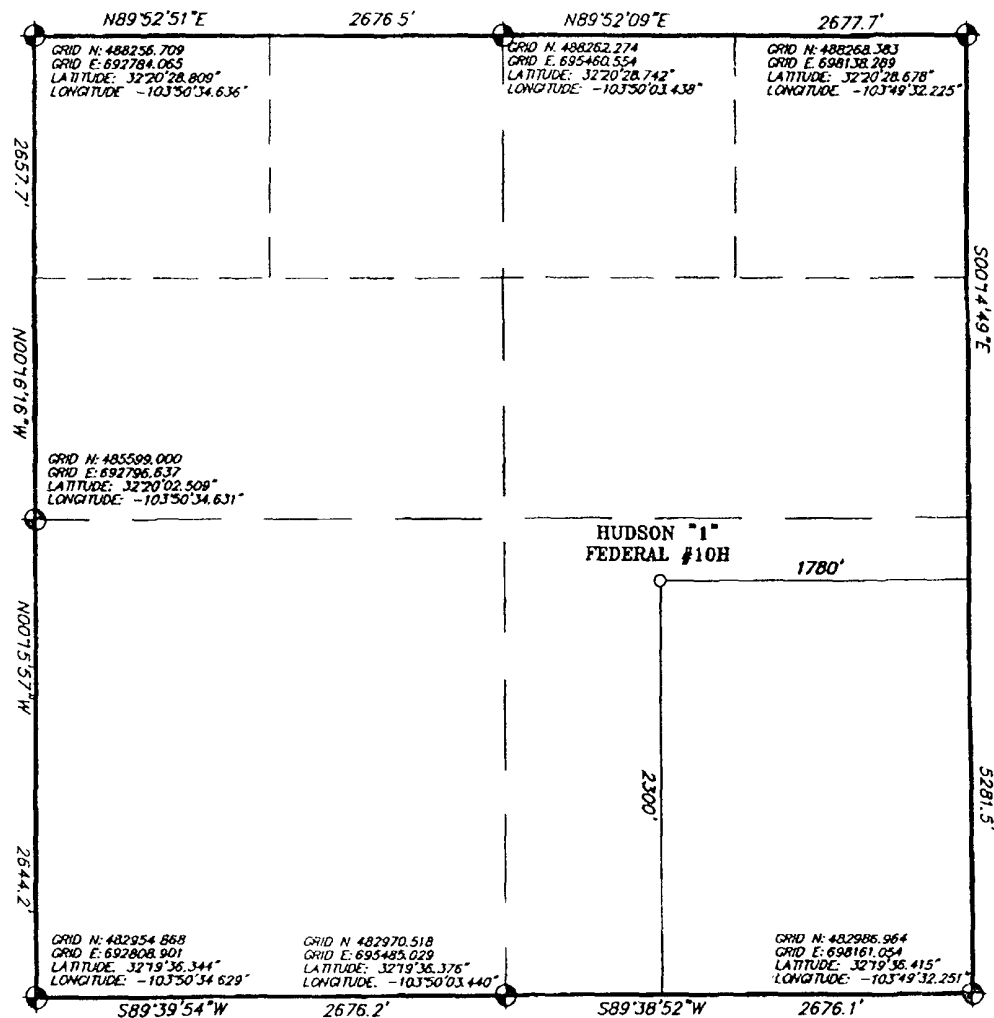
JUNE ~~17~~ 2009

Date Surveyed: MAY 11, 1961
Signature: [Signature]
Professional Surveyor

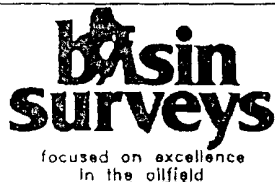
Certificate No. Gary L Jones 7977

BASIN SURVEYS

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



HUDSON "1" FEDERAL #10H
2300' FSL and 1780' FEL
Section 1, Township 23 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.



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 21080

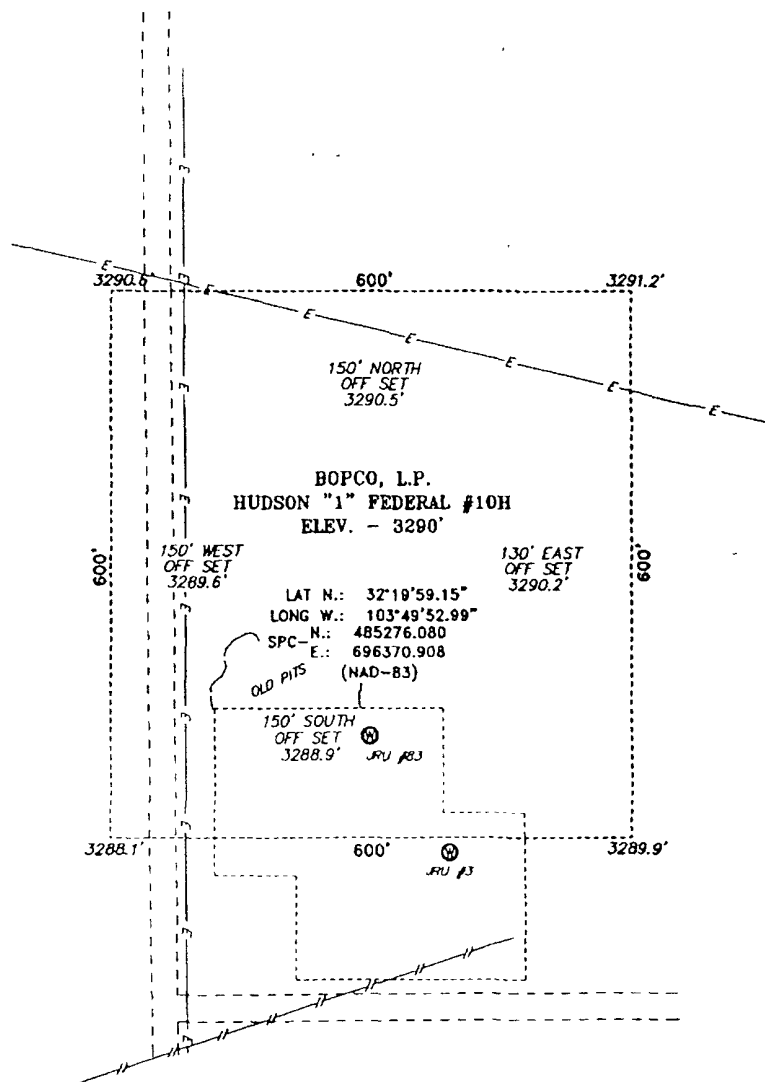
Survey Date 06-17-2009

Scale 1" = 2000'

Date: 06-17-2009

BOPCO, L.P.

N



200 0 200 400 FEET

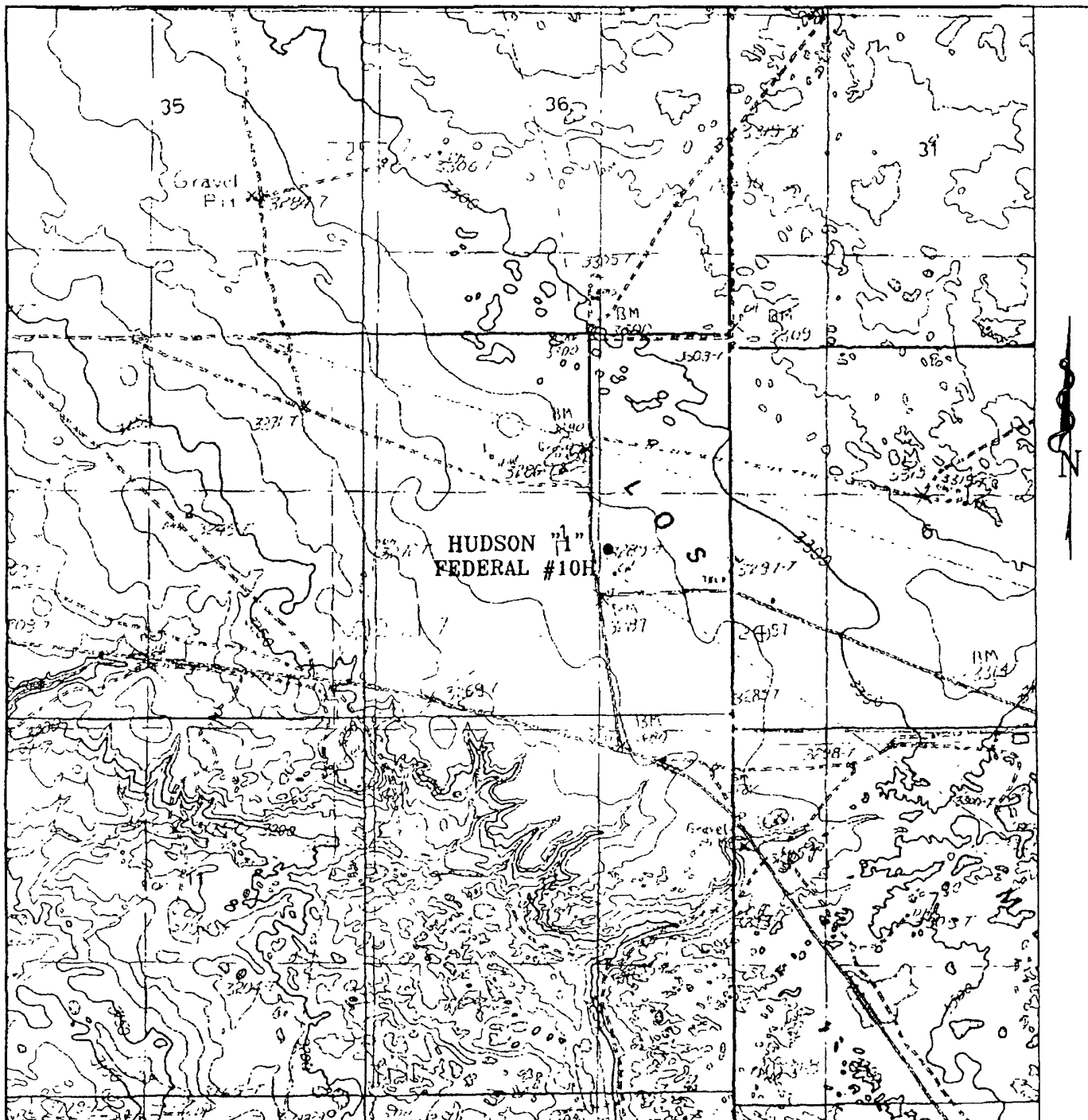
SCALE: 1" = 200'

BOPCO, L.P.

THE HUDSON "1" FEDERAL #10H LOCATED 2300'

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date. 06-17-2009	Sheet 1 of 1 Sheets
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HUDSON "1" FEDERAL #10H
 2300' FSL and 1780' FEL
 Section 1, Township 23 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

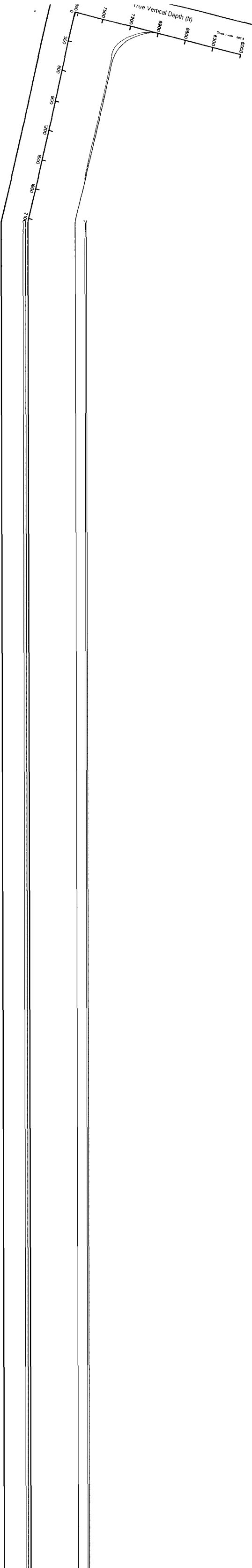
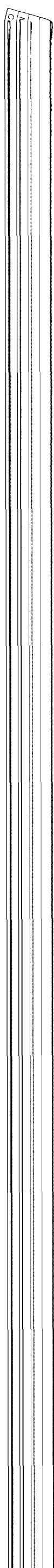
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W O Number	JMS 21080
Survey Date.	06-17-2009
Scale	1" = 2000'
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BOPCO, L.P.



NO. 1011510
JAN 1964
BUREAU OF
OCEANOGRAPHY

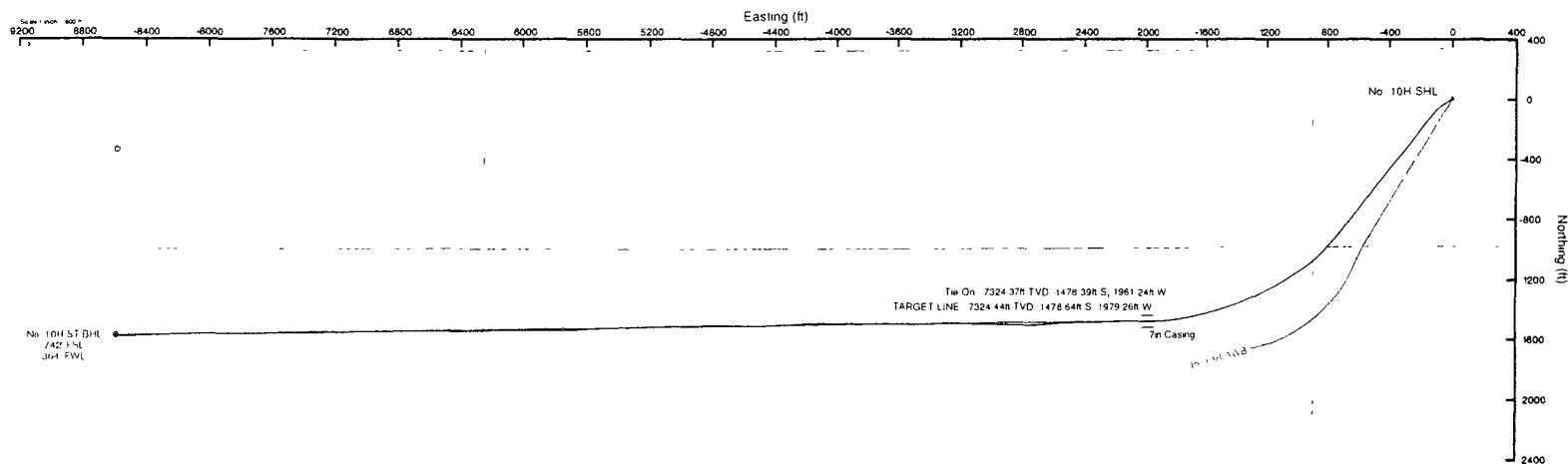




BOPCO, L.P.

Location Eddy County, NM
Field Quahada Ridge, SE (Delaware)
Facility Hudson 1 Fed No 10H

Slot No 10H SHL
Well No 10H
Wellbore No 10H ST PWB



Plot reference wellpath is Plan #3 Projection vs Actual <FINAL>	
True vertical depths are referenced to Rig on No 10H SHL (KB)	Grid System NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No 10H SHL (KB)	North Reference Grid north
Rig on No 10H SHL (KB) to Mean Sea Level: 3309 feet	Scale True distance
Mean Sea Level to Mud line (Facility Hudson 1 Fed No 10H) 3290 feet	Depths are in feet
Coordinates are in feet referenced to Facility Center	Created by Victor Hernandez on 5/10/2010

