Form 3160-5
(August 2007)

OCD Hobbs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

HOBBS OCD

MAY 12 2015

RECEIVED

5. Lease Serial No.
NMNM59398

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
8115 JV-P MESA B COM 5H

2. Name of Operator
BTA OIL PRODUCERS

Contact: MAYTE X REYES
E-Mail: mreyes1@concho.com

9. API Well No.
30-025-42128-00-X1

3a. Address
104 SOUTH PECOS STREET
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 575-748-6945

10. Field and Pool, or Exploratory
WC SCARY CREEK

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 7 T26S R33E Lot 4 190FSL 330FWL
32.051176 N Lat, 103.618276 W Lon

11. County or Parish, and State
LEA COUNTY, 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 to Original A PD
	☐ 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 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 shall 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 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.)

COG Operating LLC on behalf of BTA Oil Producers, LLC, respectfully requests approval for the following drilling changes and to add a Flex Hose Variance report to the original approved APD.

Plan to drill 8-3/4? vertical, curve, and lateral to approximately 13,796? MD (9,240? TVD).
Production cement will tie back into intermediate shoe 500?.
Cement 5-1/2? csg in 1 stage:

Lead: 500 sks Tuned Light Class H Blend + Salt + Gilsonite + CFR-3 @ 10.4 ppg, 3.48 yield

Tail: 1400 sks 50:50:2 H Blend + Halad-9 + SA-1015 + Salt @ 14.4 ppg, 1.25 yield

35% Excess on OH

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #299670 verified by the BLM Well Information System
For BTA OIL PRODUCERS, sent to the Hobbs
Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/29/2015 (15CRW0063SE)

Name *(Printed/Typed)* MAYTE X REYES — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 04/28/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED

Approved By _____ Title _____ Date MAY 1 2015

/s/ Chris Walls

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

MAY 13 2015

Additional data for EC transaction #299670 that would not fit on the form

32. Additional remarks, continued

Flex Hose Variance attached.
Directional plan attached.

Wellplanning

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #5H
Company:	BTA Oil Producers LLC.	**TVD Reference:**	WELL @ 3245.9usft (Original Well Elev)
Project:	Lea County, NM	**MD Reference:**	WELL @ 3245.9usft (Original Well Elev)
Site:	8115 JV-P Mesa B	**North Reference:**	Grid
Well:	#5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Design #1		

Project	Lea County, NM		
Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	8115 JV-P Mesa B				
Site Position:		**Northing:**	383,090.50 usft	**Latitude:**	32° 3' 4.271 N
From:	Map	**Easting:**	723,052.50 usft	**Longitude:**	103° 36' 48.258 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.38 °

Well	#5H					
Well Position	**+N/-S**	-13.8 usft	**Northing:**	383,076.70 usft	**Latitude:**	32° 3' 4.234 N
	+E/-W	-1,509.3 usft	**Easting:**	721,543.20 usft	**Longitude:**	103° 37' 5.795 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,227.9 usft

Wellbore	OH			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	4/28/2015	7.12	59.92	48,122

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	0.0	0.0	0.0	0.23	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
8,762.5	0.00	0.00	8,762.5	0.0	0.0	0.00	0.00	0.00	0.00	
9,517.9	90.64	0.23	9,240.0	482.9	1.9	12.00	12.00	0.00	0.23	
13,795.6	90.64	0.23	9,192.2	4,760.2	19.1	0.00	0.00	0.00	0.00	PBHL(JVP#5H)

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Well:	#5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Wellplanning

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Design:	Design #1		

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5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,762.5	0.00	0.00	8,762.5	0.0	0.0	0.0	0.00	0.00	0.00
KOP - 8762.5 'MD, 0.00° INC, 0.00° AZI									
8,775.0	1.50	0.23	8,775.0	0.2	0.0	0.2	12.00	12.00	0.00
8,800.0	4.50	0.23	8,800.0	1.5	0.0	1.5	12.00	12.00	0.00
8,825.0	7.50	0.23	8,824.8	4.1	0.0	4.1	12.00	12.00	0.00
8,850.0	10.50	0.23	8,849.5	8.0	0.0	8.0	12.00	12.00	0.00
8,875.0	13.50	0.23	8,874.0	13.2	0.1	13.2	12.00	12.00	0.00
8,900.0	16.50	0.23	8,898.1	19.7	0.1	19.7	12.00	12.00	0.00
8,925.0	19.50	0.23	8,921.9	27.4	0.1	27.4	12.00	12.00	0.00
8,950.0	22.50	0.23	8,945.2	36.3	0.1	36.3	12.00	12.00	0.00
8,975.0	25.50	0.23	8,968.1	46.5	0.2	46.5	12.00	12.00	0.00
9,000.0	28.50	0.23	8,990.3	57.9	0.2	57.9	12.00	12.00	0.00
9,025.0	31.50	0.23	9,012.0	70.3	0.3	70.4	12.00	12.00	0.00
9,050.0	34.50	0.23	9,032.9	84.0	0.3	84.0	12.00	12.00	0.00
9,075.0	37.49	0.23	9,053.2	98.7	0.4	98.7	12.00	12.00	0.00
9,100.0	40.49	0.23	9,072.6	114.4	0.5	114.4	12.00	12.00	0.00
9,125.0	43.49	0.23	9,091.2	131.1	0.5	131.1	12.00	12.00	0.00
9,150.0	46.49	0.23	9,108.9	148.8	0.6	148.8	12.00	12.00	0.00
9,175.0	49.49	0.23	9,125.6	167.4	0.7	167.4	12.00	12.00	0.00

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Wellbore:	OH		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,200.0	52.49	0.23	9,141.3	186.8	0.7	186.8	12.00	12.00	0.00
9,225.0	55.49	0.23	9,156.0	207.0	0.8	207.0	12.00	12.00	0.00
9,250.0	58.49	0.23	9,169.6	228.0	0.9	228.0	12.00	12.00	0.00
9,275.0	61.49	0.23	9,182.1	249.6	1.0	249.6	12.00	12.00	0.00
9,300.0	64.49	0.23	9,193.5	271.9	1.1	271.9	12.00	12.00	0.00
9,325.0	67.49	0.23	9,203.7	294.7	1.2	294.7	12.00	12.00	0.00
9,350.0	70.49	0.23	9,212.6	318.0	1.3	318.1	12.00	12.00	0.00
9,375.0	73.49	0.23	9,220.3	341.8	1.4	341.8	12.00	12.00	0.00
9,400.0	76.49	0.23	9,226.8	366.0	1.5	366.0	12.00	12.00	0.00
9,425.0	79.49	0.23	9,232.0	390.4	1.6	390.4	12.00	12.00	0.00
9,450.0	82.49	0.23	9,235.9	415.1	1.7	415.1	12.00	12.00	0.00
9,475.0	85.49	0.23	9,238.5	440.0	1.8	440.0	12.00	12.00	0.00
9,500.0	88.49	0.23	9,239.9	464.9	1.9	464.9	12.00	12.00	0.00
9,517.9	90.64	0.23	9,240.0	482.9	1.9	482.9	12.00	12.00	0.00
EOC- 9517.9 'MD, 90.64° INC, 0.23° AZI									
9,600.0	90.64	0.23	9,239.1	564.9	2.3	564.9	0.00	0.00	0.00
9,700.0	90.64	0.23	9,238.0	664.9	2.7	664.9	0.00	0.00	0.00
9,800.0	90.64	0.23	9,236.8	764.9	3.1	764.9	0.00	0.00	0.00
9,900.0	90.64	0.23	9,235.7	864.9	3.5	864.9	0.00	0.00	0.00
10,000.0	90.64	0.23	9,234.6	964.9	3.9	964.9	0.00	0.00	0.00
10,100.0	90.64	0.23	9,233.5	1,064.9	4.3	1,064.9	0.00	0.00	0.00
10,200.0	90.64	0.23	9,232.4	1,164.9	4.7	1,164.9	0.00	0.00	0.00
10,300.0	90.64	0.23	9,231.3	1,264.9	5.1	1,264.9	0.00	0.00	0.00
10,400.0	90.64	0.23	9,230.1	1,364.9	5.5	1,364.9	0.00	0.00	0.00
10,500.0	90.64	0.23	9,229.0	1,464.9	5.9	1,464.9	0.00	0.00	0.00
10,600.0	90.64	0.23	9,227.9	1,564.8	6.3	1,564.9	0.00	0.00	0.00
10,700.0	90.64	0.23	9,226.8	1,664.8	6.7	1,664.9	0.00	0.00	0.00
10,800.0	90.64	0.23	9,225.7	1,764.8	7.1	1,764.8	0.00	0.00	0.00
10,900.0	90.64	0.23	9,224.6	1,864.8	7.5	1,864.8	0.00	0.00	0.00
11,000.0	90.64	0.23	9,223.4	1,964.8	7.9	1,964.8	0.00	0.00	0.00
11,100.0	90.64	0.23	9,222.3	2,064.8	8.3	2,064.8	0.00	0.00	0.00
11,200.0	90.64	0.23	9,221.2	2,164.8	8.7	2,164.8	0.00	0.00	0.00
11,300.0	90.64	0.23	9,220.1	2,264.8	9.1	2,264.8	0.00	0.00	0.00
11,400.0	90.64	0.23	9,219.0	2,364.8	9.5	2,364.8	0.00	0.00	0.00
11,500.0	90.64	0.23	9,217.9	2,464.8	9.9	2,464.8	0.00	0.00	0.00
11,600.0	90.64	0.23	9,216.7	2,564.8	10.3	2,564.8	0.00	0.00	0.00
11,700.0	90.64	0.23	9,215.6	2,664.8	10.7	2,664.8	0.00	0.00	0.00
11,800.0	90.64	0.23	9,214.5	2,764.8	11.1	2,764.8	0.00	0.00	0.00
11,900.0	90.64	0.23	9,213.4	2,864.8	11.5	2,864.8	0.00	0.00	0.00
12,000.0	90.64	0.23	9,212.3	2,964.7	11.9	2,964.8	0.00	0.00	0.00
12,100.0	90.64	0.23	9,211.2	3,064.7	12.3	3,064.8	0.00	0.00	0.00
12,200.0	90.64	0.23	9,210.0	3,164.7	12.7	3,164.8	0.00	0.00	0.00
12,300.0	90.64	0.23	9,208.9	3,264.7	13.1	3,264.8	0.00	0.00	0.00
12,400.0	90.64	0.23	9,207.8	3,364.7	13.5	3,364.7	0.00	0.00	0.00
12,500.0	90.64	0.23	9,206.7	3,464.7	13.9	3,464.7	0.00	0.00	0.00
12,600.0	90.64	0.23	9,205.6	3,564.7	14.3	3,564.7	0.00	0.00	0.00
12,700.0	90.64	0.23	9,204.5	3,664.7	14.7	3,664.7	0.00	0.00	0.00
12,800.0	90.64	0.23	9,203.3	3,764.7	15.1	3,764.7	0.00	0.00	0.00
12,900.0	90.64	0.23	9,202.2	3,864.7	15.5	3,864.7	0.00	0.00	0.00
13,000.0	90.64	0.23	9,201.1	3,964.7	15.9	3,964.7	0.00	0.00	0.00
13,100.0	90.64	0.23	9,200.0	4,064.7	16.3	4,064.7	0.00	0.00	0.00
13,200.0	90.64	0.23	9,198.9	4,164.7	16.7	4,164.7	0.00	0.00	0.00
13,300.0	90.64	0.23	9,197.8	4,264.7	17.1	4,264.7	0.00	0.00	0.00
13,400.0	90.64	0.23	9,196.6	4,364.7	17.5	4,364.7	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #5H
Company:	BTA Oil Producers LLC.	**TVD Reference:**	WELL @ 3245.9usft (Original Well Elev)
Project:	Lea County, NM	**MD Reference:**	WELL @ 3245.9usft (Original Well Elev)
Site:	8115 JV-P Mesa B	**North Reference:**	Grid
Well:	#5H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Design #1		

Planned Survey

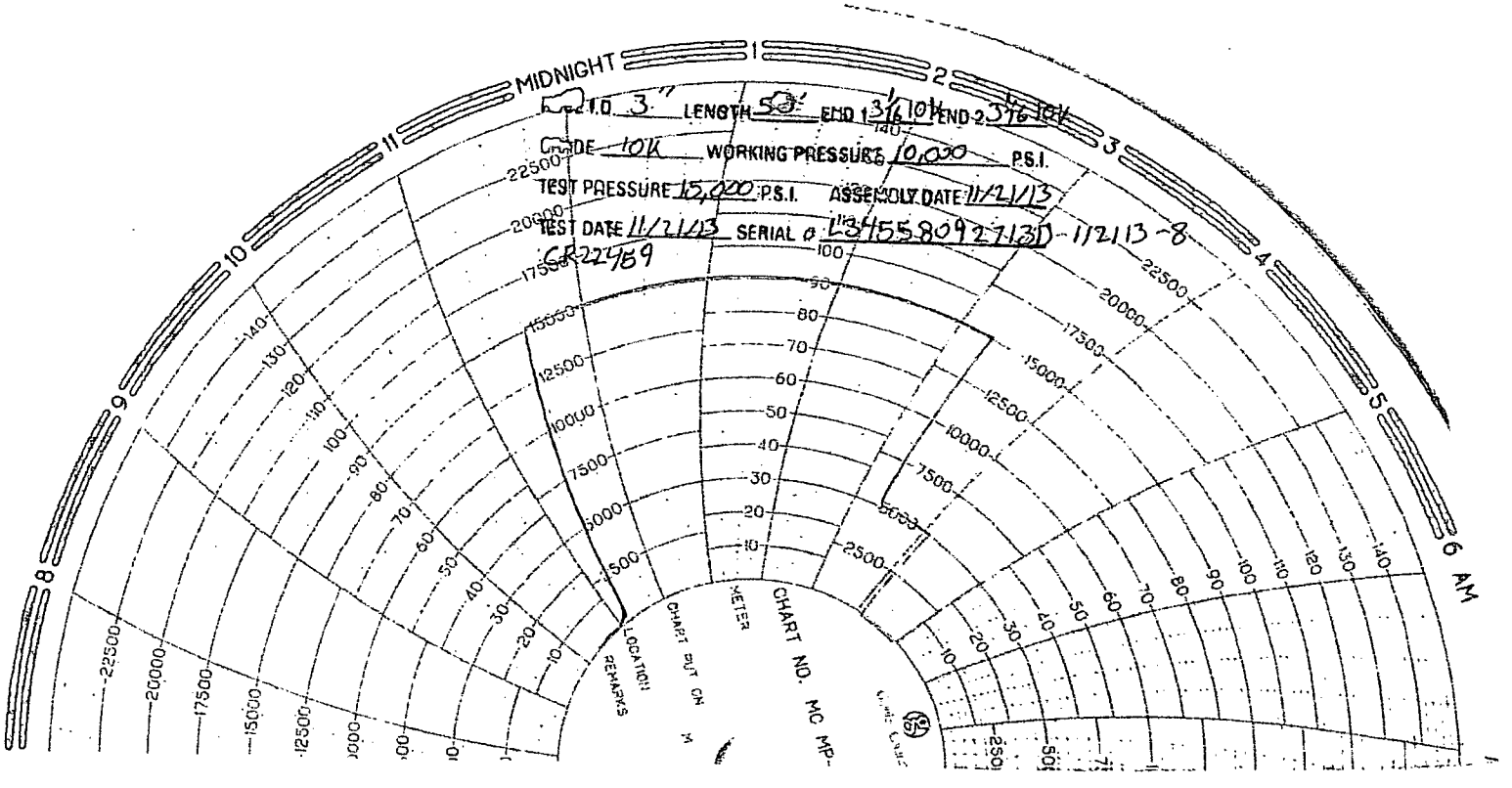
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,500.0	90.64	0.23	9,195.5	4,464.6	17.9	4,464.7	0.00	0.00	0.00
13,600.0	90.64	0.23	9,194.4	4,564.6	18.3	4,564.7	0.00	0.00	0.00
13,700.0	90.64	0.23	9,193.3	4,664.6	18.7	4,664.7	0.00	0.00	0.00
13,795.5	90.64	0.23	9,192.2	4,760.2	19.1	4,760.2	0.00	0.00	0.00
TD at 13795.6 - PBHL(JVP#5H)									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL(JVP#5H)	0.00	0.00	9,192.0	4,760.2	19.2	387,836.90	721,562.40	32° 3' 51.339 N	103° 37' 5.205 W
- plan misses target center by 0.2usft at 13795.5usft MD (9192.2 TVD, 4760.2 N, 19.1 E)									
- Point									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
8,762.5	8,762.5	0.0	0.0	KOP - 8762.5 'MD, 0.00° INC, 0.00° AZI
9,517.9	9,240.0	482.9	1.9	EOC- 9517.9 'MD, 90.64° INC, 0.23° AZI
13,795.5	9,192.2	4,760.2	19.1	TD at 13795.6


MIDNIGHT
1
2
3
4
5
6 AM
7
8
9
10
11
I.D. 3"
LENGTH 50'
END 1 3/16 10K
END 2 3/16 10K
CODE 10K
WORKING PRESSURE 10,000 P.S.I.
TEST PRESSURE 15,000 P.S.I.
ASSEMBLY DATE 11/21/13
TEST DATE 11/21/13
SERIAL # L3455809271310-11/21/13-8
CR22489
CHART NO. MC MP-
METER
CHART PUT ON
REMARKS
LOCATION

GATES E & S NORTH AMERICA, INC
DU-TEX
134 44TH STREET
CORPUS CHRISTI, TEXAS 78405

PHONE: 361-887-9807
FAX: 361-887-0812
EMAIL: crpe&s@gates.com
WEB: www.gates.com

10K CHOKE & KILL ASSEMBLY PRESSURE TEST CERTIFICATE

Customer :	SPECIALTY SALES, INC.	Test Date:	11/21/2013
Customer Ref. :	49680-S	Hose Serial No.:	D-112113-8
Invoice No. :	197465	Created By:	Norma M.

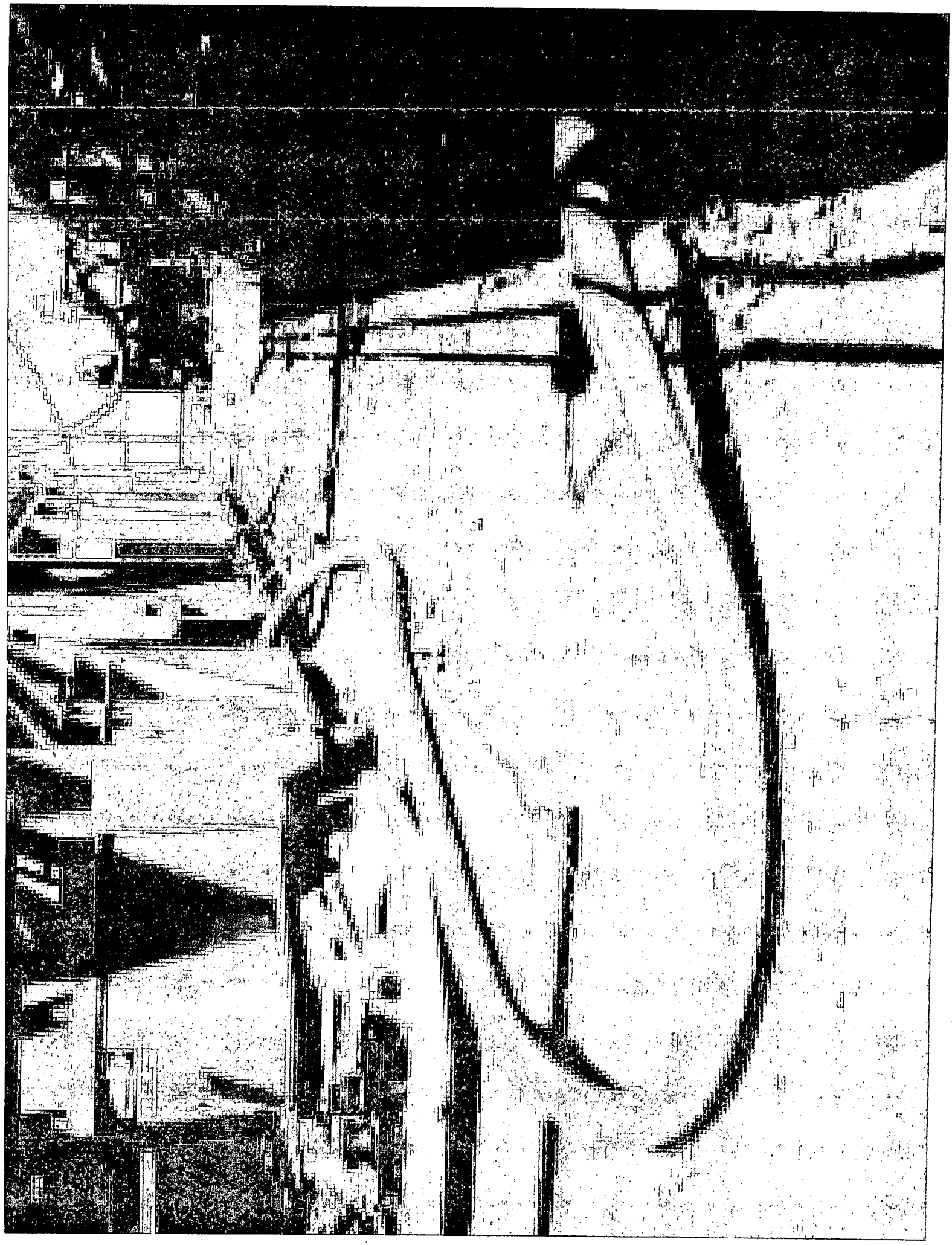
Product Description:	10K3.050.0CK31/1610KFLGE/E

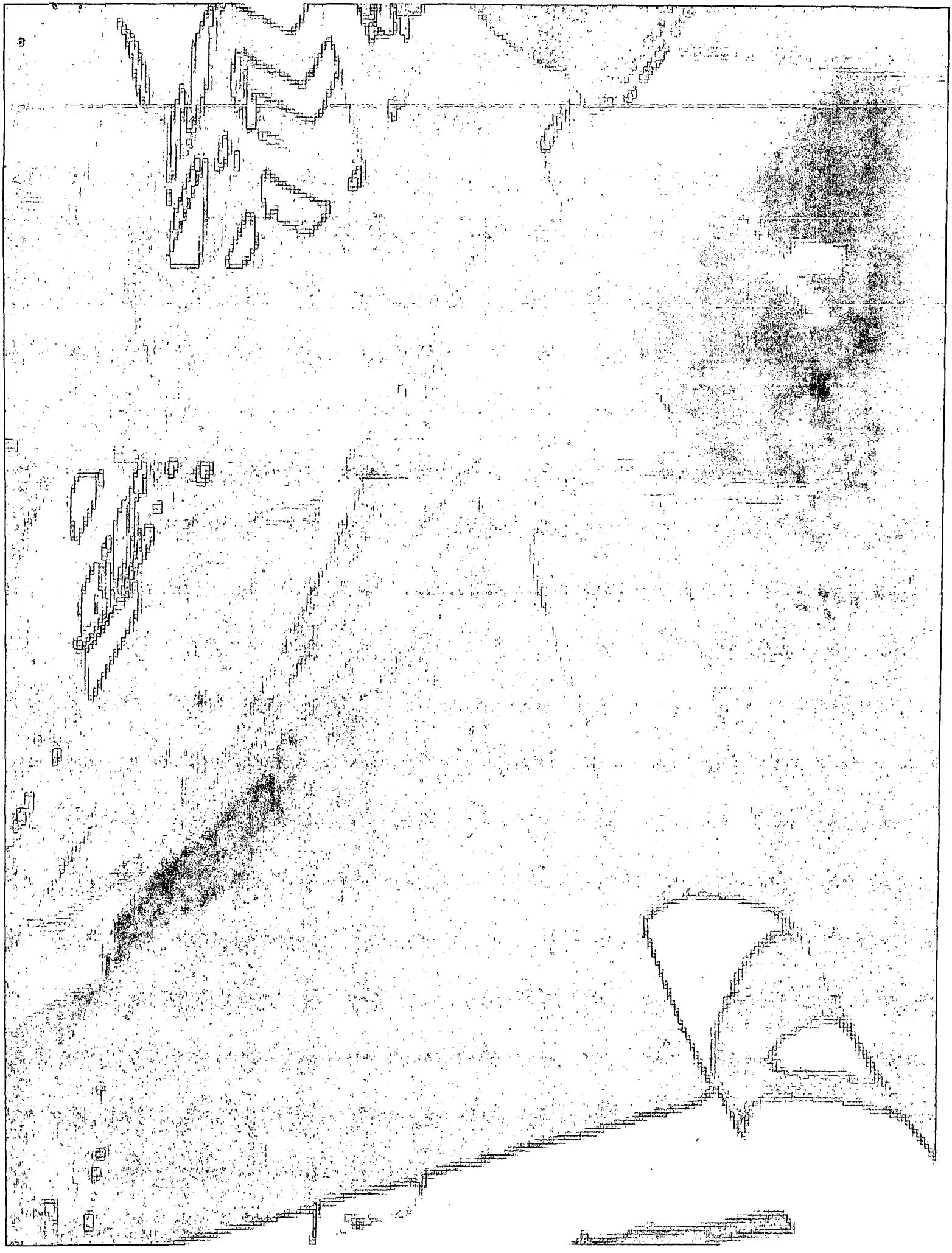
End Fitting 1 :	3 1/16 10K FLG	End Fitting 2 :	3 1/16 10K FLG
Gates Part No. :	47773-4290	Assembly Code :	L34558092713D-112113-8
Working Pressure :	10,000 PSI	Test Pressure :	15,000 PSI

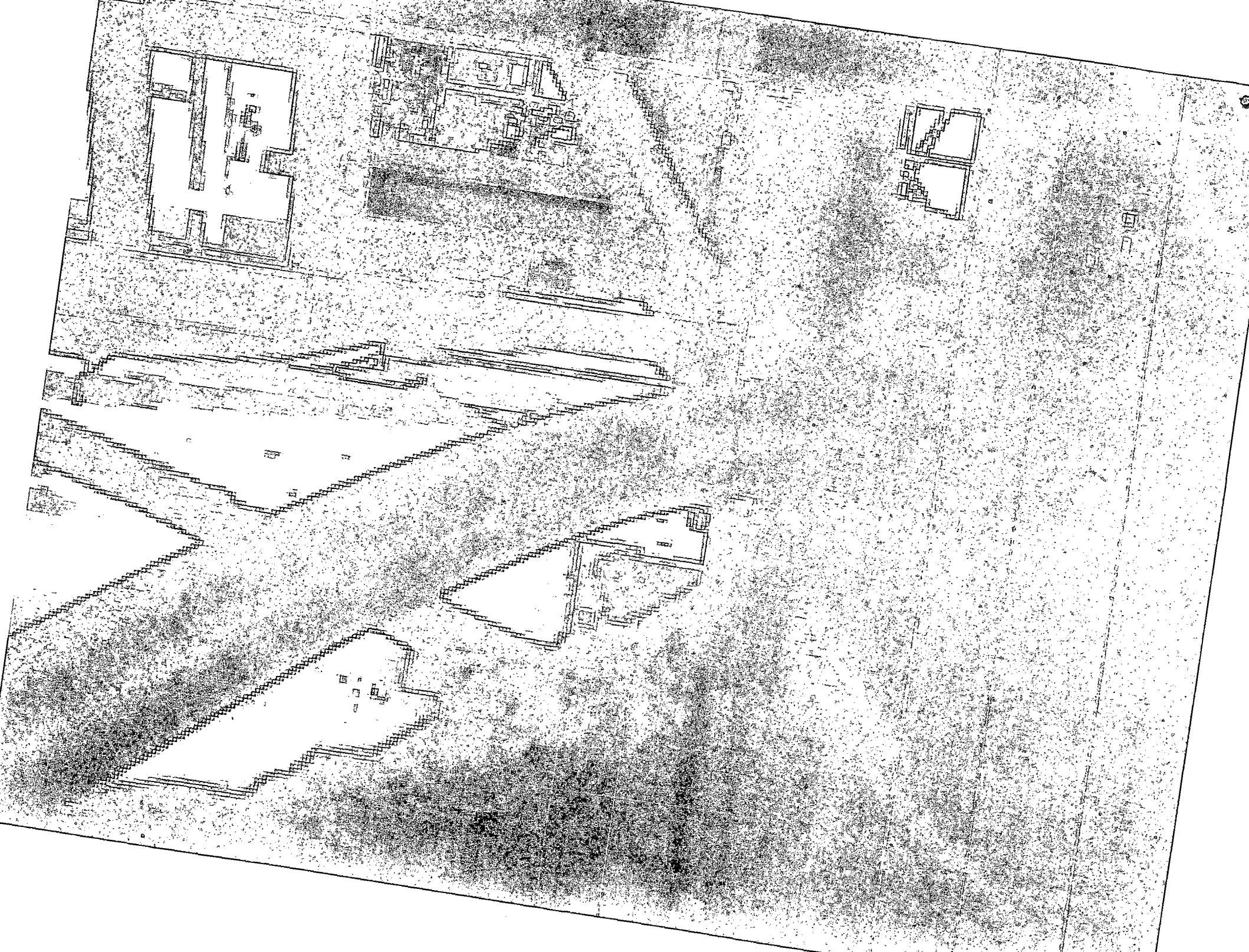
Gates E & S North America, Inc. certifies that the following hose assembly has been tested to the Gates Oilfield Roughneck Agreement/Specification requirements and passed the 15 minute hydrostatic test per API Spec 7K/Q1, Fifth Edition, June 2010, Test pressure 9.6.7 and per Table 9 to 15,000 psi in accordance with this product number. Hose burst pressure 9.6.7.2 exceeds the minimum of 2.5 times the working pressure per Table 9.

Quality Manager :	QUALITY	Technical Supervisor :	PRODUCTION
Date :	11/22/2013	Date :	11/22/2013
Signature :		Signature :	

Form PTC - 01 Rev.0 2







BTA

BTA Oil Producers LLC.
Project: Lea County, NM
Site: 8115 JV-P Mesa B
Well: #5H
Wellbore: OH
Plan: Design #1 (#5H/OH)

Section Details

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	8762.5	0.00	0.00	8762.5	0.0	0.0	0.00	0.00	0.0	
3	9517.9	90.64	0.23	9240.0	482.9	1.9	12.00	0.23	482.9	
4	13795.6	90.64	0.23	9192.2	4760.2	19.1	0.00	0.00	4760.2	PBHL(JVP#5H)

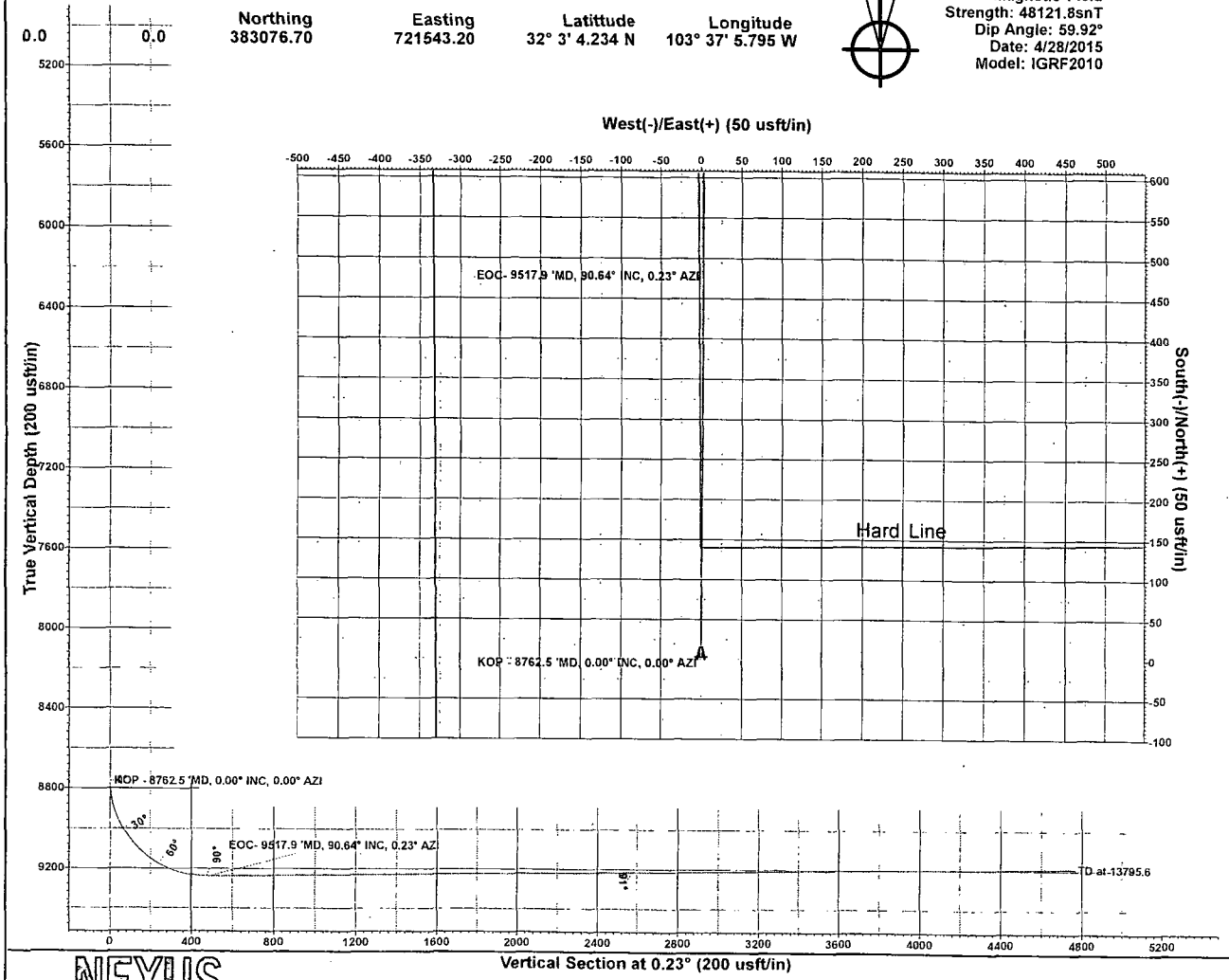
WELL DETAILS: #5H

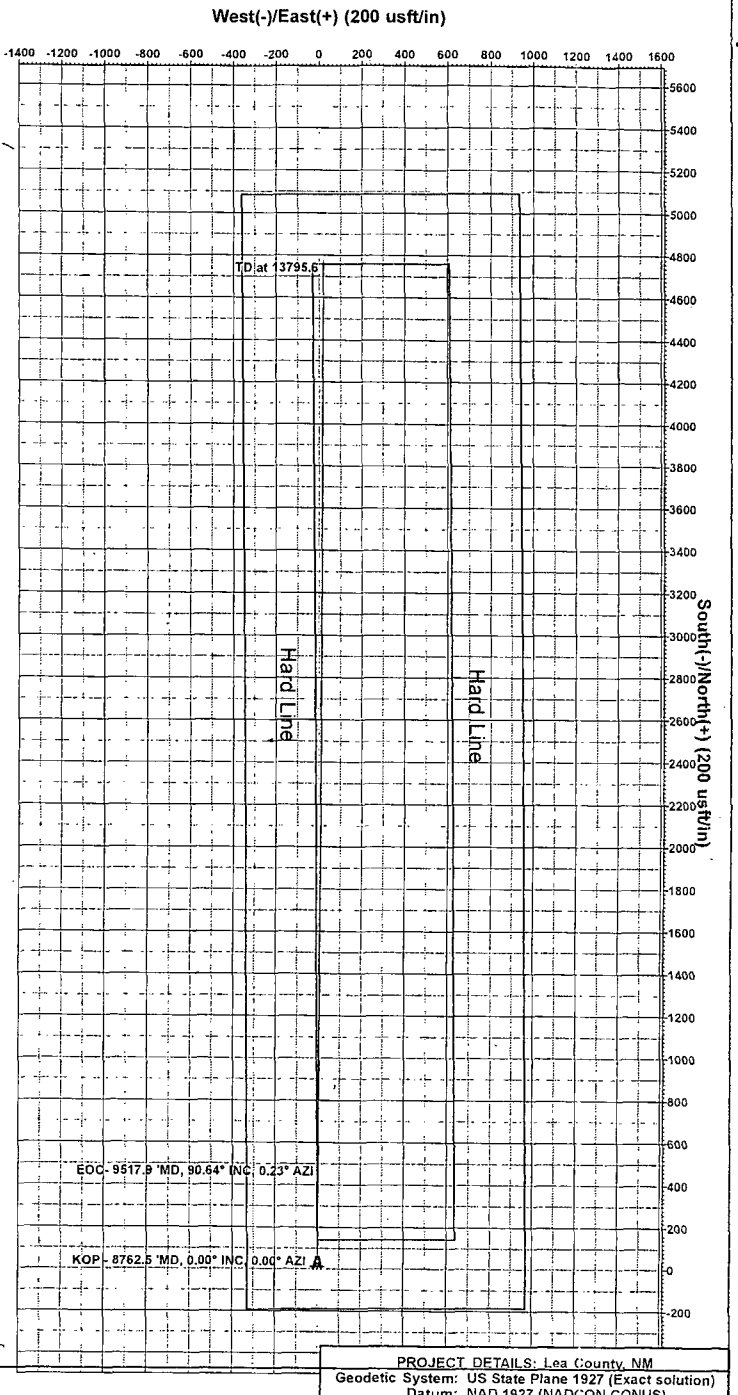
Ground Elevation:: 3227.9
RKB Elevation: WELL @ 3245.9usft (Original Well Elev)
Rig Name: Original Well Elev

Northing	Easting	Latittude	Longitude
383076.70	721543.20	32° 3' 4.234 N	103° 37' 5.795 W

Azimuths to Grid North
True North: -0.38°
Magnetic North: 6.74°

Magnetic Field
Strength: 48121.8snT
Dip Angle: 59.92°
Date: 4/28/2015
Model: IGRF2010





NEXUS DIRECTIONAL SOLUTIONS, L.P.

Nexus Directional Solutions

PROJECT DETAILS: Lea County, NM
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

Co-Flex line
Conditions of Approval

Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. **Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review**. If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).