



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
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<http://emrnr.state.nm.us/ocd/District/III/3distric.htm>

BRADENHEAD TEST REPORT
(submit 1 copy to above address)

Date of Test 8-31-12 Operator ExxonMobil - SW API # 30-045-13040
Property Name helle platard Well No 5 Location: Unit Section 11 Township 27 Range 9W
Well Status (Shut-In or Producing) Initial PSI: Tubing 17.2 Intermediate N/A Casing 82.6 Bradenhead 9.1

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	<u>3</u>	<u>1</u>	<u>83.6</u>		
10 min	<u>3</u>	<u>1</u>	<u>84.8</u>		
15 min	<u>3</u>	<u>1</u>	<u>85.1</u>		
20 min	<u>2</u>	<u>1</u>	<u>86.1</u>		
25 min	<u>2</u>	<u>1</u>	<u>87.0</u>		
30 min	<u>2</u>	<u>1</u>	<u>87.3</u>		

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	
Nothing	
Gas	
Gas & Water	
Water	<u>X After 1 min</u>

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR X FRESH SALTY SULFUR BLACK

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 6.0 INTERMEDIATE

REMARKS: Flowed water at Rate of 5 gal 12 min for 15 min
At 15 min flowed at Rate of 5 gal 12 min 30 sec, 30 min Rate of 5 gal 12 min 30 sec
water sample taken from bleed and production

By Randy calcote Witness
Calder service
(Position)

E-mail address Randy.c@calderservices.com

1111

Flowed
Approx 50 gal in
30 min



BAKER HUGHES

Farmington District Lab

Water Analysis Report

Test # 2099

Customer/Well Information

Company: Chevron Date: 9/14/2012
 Well Name: Prepared for:
 Location: Submitted by: Allen Eaker
 State: County, New Mexico Prepared by: Dave Rasmussen
 Formation: Water Type:
 Depth: Tank #: NelliePlatero5 BradenHead

Background Information

Reason for Testing: _____
 Completion type: _____
 Well History: _____
 Comments: _____

Sample Characteristics

Sample Temp: 69 (°F) Viscosity: 1 cp
 pH: 9.71 Color: Clear
 Specific Gravity: 1.000 Odor: None
 S.G. (Corrected): 1.002 @ 60 °F Turbidity: Clear
 Resistivity (Calc): 6.21 Ω-m Filtrates: None

Sample Composition

CATIONS	mg/l	me/l	ppm
Sodium (calc.)	166	7.2	166
Calcium	48	2.4	48
Magnesium	< .5	----	----
Barium	0	0.0	0
Potassium	0	0.0	0
Iron	0.00	0.0	0.00

ANIONS

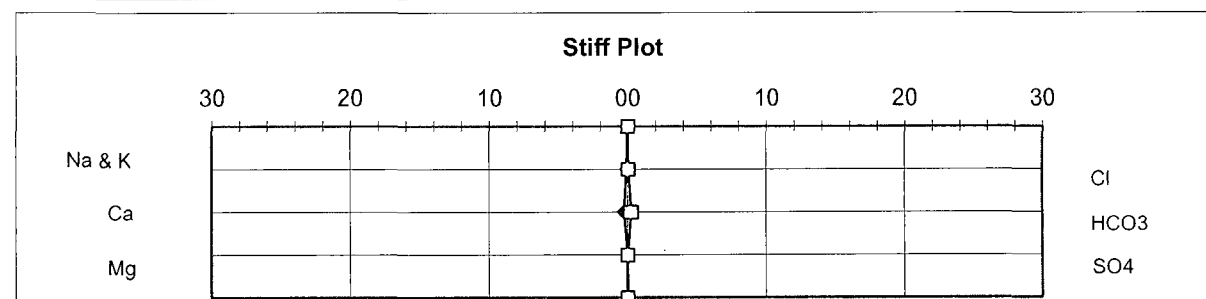
Chloride	200	5.6	200
Sulfate	0	0.0	0
Hydroxide	0	0.0	0
Carbonate	36	1.2	36
Bicarbonate	171	2.8	171

SUMMARY

Total Dissolved Solids(calc.)	585		585
Total Hardness as CaCO3	120	2.4	120

Scaling Tendencies

CaCO3 Factor 8218.896 Calcium Carbonate Scale Probability --> REMOTE
 CaSO4 Factor 0 Calcium Sulfate Scale Probability -----> REMOTE





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Farmington District Lab

Water Analysis Report

Test # 2099

Customer/Well Information

Company: Chevron Date: 9/14/2012
 Well Name: Prepared for:
 Location: Submitted by: Allen Eaker
 State: County, New Mexico Prepared by: Dave Rasmussen
 Formation: Water Type:
 Depth: Tank #: NelliePlatero5 Production

Background Information

Reason for Testing: _____
 Completion type: _____
 Well History: _____
 Comments: _____

Sample Characteristics

Sample Temp: 72 (°F) Viscosity: 1 cp
 pH: 6.98 Color: Clear
 Specific Gravity: 1.002 Odor: None
 S.G. (Corrected): 1.004 @ 60 °F Turbidity: Clear
 Resistivity (Calc): 2.27 Ω-m Filtrates: None

Sample Composition

CATIONS	mg/l	me/l	ppm
Sodium (calc.)	745	32.4	744
Calcium	12	0.6	12
Magnesium	15	1.2	15
Barium	0	0.0	0
Potassium	200	5.1	200
Iron	0.00	0.0	0.00

ANIONS

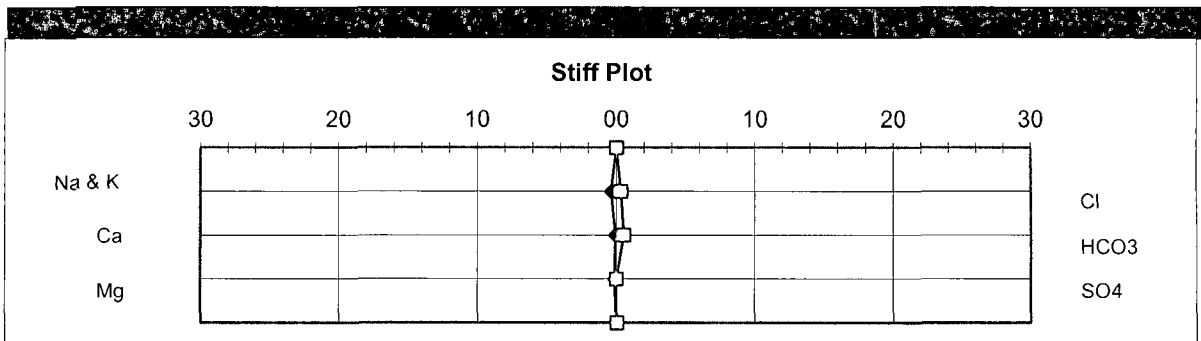
Chloride	1200	33.9	1198
Sulfate	0	0.0	0
Hydroxide	0	0.0	0
Carbonate	< 1	----	----
Bicarbonate	342	5.6	341

SUMMARY

Total Dissolved Solids(calc.)	2313		2309
Total Hardness as CaCO3	90	1.8	90

Scaling Tendencies

CaCO3 Factor 4109.448 Calcium Carbonate Scale Probability --> REMOTE
 CaSO4 Factor 0 Calcium Sulfate Scale Probability -----> REMOTE





Nellie Platero 5
San Juan, New Mexico
Current Well Schematic as of 26August2008

API: 30-045-13040
Legals: Sec 11 - T 27N - R 9W
Field: Blanco MV
Spud: 5/9/1961

KB Elev 6025'
Gr Elev 6011'

Surface Casing:
8-5/8", 24 #, J-55, Set @ 199' in 12-1/4" Hole
TOC = 0' w/ 175 sks

Tubing details
2-3/8" tbg
Set @ 4545'

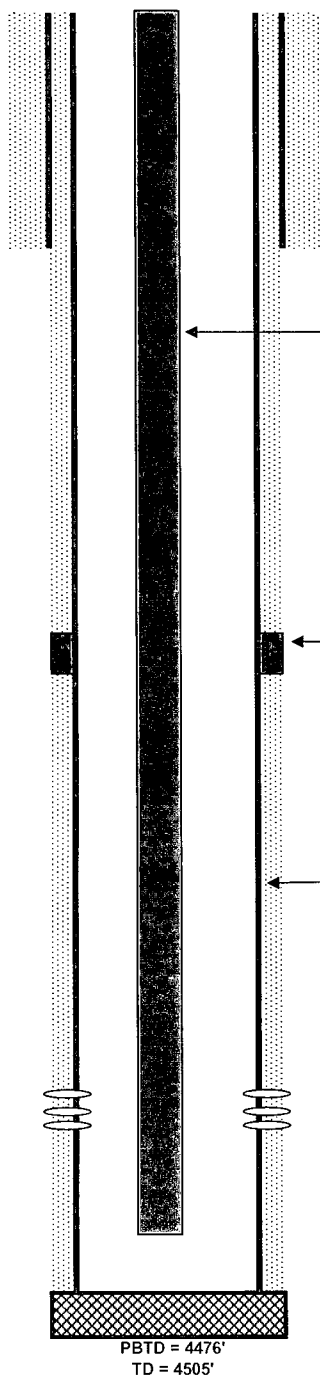
DV tool @ 2130'

Production Casing:
4-1/2", 10.5 #, J-55 Set @ 4502' in 7-7/8" Hole
(2 stage cmt; 200 sks, then 100 sks)
TOC = 3200" Temp. Survey

Mesa Verde Perfs (5/22/61): Water Frac w/
50,000 gals. Wtr & 50,000# 20/40 sand
dropped 120 balls, flush w/100 bbls wtr.
4 SPF; 176 shots (44')

4310-30
4341-54
4365-76

Geologic Tops:
PC 2027
Lewis 2128
Mesa Verde 3600
Pt. Lookout 4260



Prepared by: Jean Kohoutek
Date: 8/26/2008