

OCO Rec During Mtg BP



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
<http://emmr.state.nm.us/ocd/District/III/3distric.htm>

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8-31-12 Operator FOUR STAR OIL - S&I API # 30-045-22673

Property Name JOHN CHARLES Well No 7A Location: Unit Section 13 Township 27 Range 9

Well Status (Shut-In or Producing) Initial PSI: Tubing 55.7 Intermediate 1/12 Casing 55.1 Bradenhead 31.5

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE				
	BH	Bradenhead Int	Csg	INTERM Int	Csg
5 min	0.5	1/12	53.2	X	
10 min	0.6		53.3		
15 min	0.6		53.6		
20 min	0.6		53.8		
25 min	0.7		54.0		
30 min	0.7		55.0		

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow <u>X</u> <u>Sgcl 275cc</u>	
Surges	
Down to Nothing	
Nothing	
Gas	
Gas & Water	
Water <u>X</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 29.2 INTERMEDIATE 1/12

REMARKS:

Sgcl in 27sec, Flowing AT 5 PSI, AT 12 min Flowing Sgcl in 43sec
At 20 min Flow Sgcl in 48sec, AT 30 min Sgcl AT 47sec (200 gallons NPP/1/12 in 30)
Water samples pulled from B-Med and production

By Randy calder

Witness

Calder service
(Position)

E-mail address Randy.c@calderservices.com

Sgcl
Back
filled

||||| ||||| ||||| ||||| ||||| ||||| |||||



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 #: JohnCharles7A Production

Background Information

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

Sample Characteristics

Sample Temp: 78 (°F) Viscosity: 1 cp
 pH: 5.72 Color: Clear
 Specific Gravity: 1.000 Odor: None
 S.G. (Corrected): 1.004 @ 60 °F Turbidity: Clear
 Resistivity (Calc): 2.97 Ω-m Filtrates: None

Sample Composition

CATIONS

	mg/l	me/l	ppm
Sodium (calc.)	443	19.3	443
Calcium	24	1.2	24
Magnesium	15	1.2	15
Barium	0	0.0	0
Potassium	0	0.0	0
Iron	0.00	0.0	0.00

ANIONS

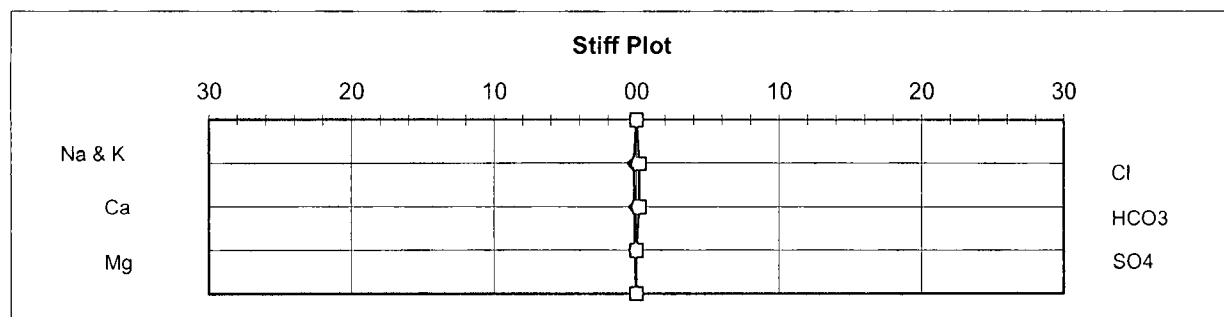
Chloride	700	19.7	700
Sulfate	0	0.0	0
Hydroxide	0	0.0	0
Carbonate	< 1	----	----
Bicarbonate	122	2.0	122

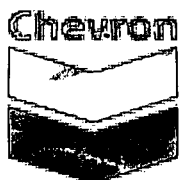
SUMMARY

Total Dissolved Solids(calc.)	1304		1304
Total Hardness as CaCO3	120	2.4	120

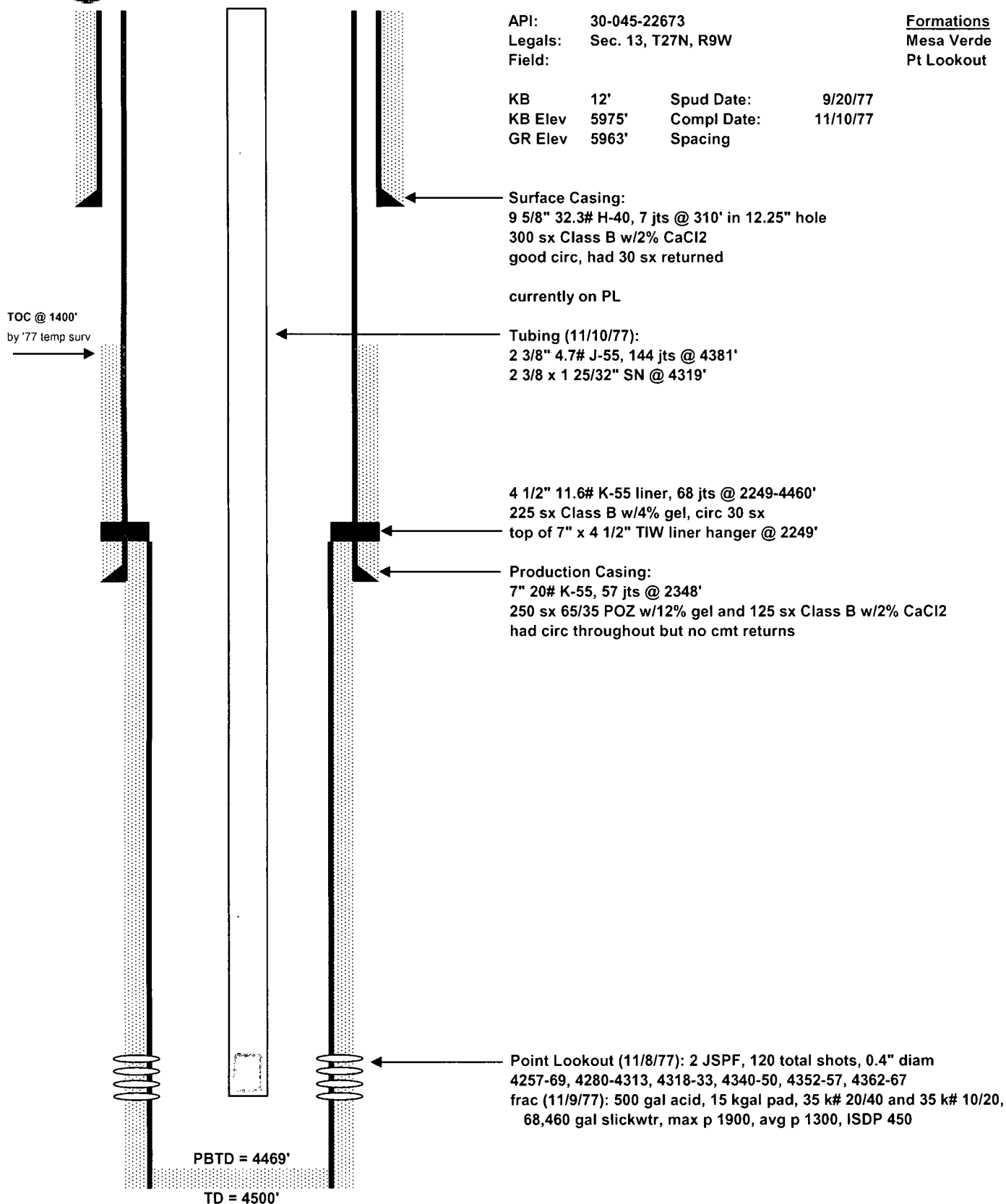
Scaling Tendencies

CaCO3 Factor 2935.32 Calcium Carbonate Scale Probability --> REMOTE
 CaSO4 Factor 0 Calcium Sulfate Scale Probability -----> REMOTE





John Charles 7A
San Juan County, New Mexico
Current Well Schematic as of May 11, 2010



Prepared by: Jason Chow
Date: 5/11/2010

Revised by:
Date: