

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-22660 I-149-IND-8466
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Four Star Gas & Oil Company		6. State Oil & Gas Lease No.
3. Address of Operator ATTN: Regulatory Specialist 332 Road 3100 Aztec, New Mexico 87410		7. Lease Name or Unit Agreement Name John Charles
4. Well Location Unit Letter <u>I</u> : <u>1850</u> feet from the <u>South</u> line and <u>840</u> feet from the <u>East</u> line Section <u>13</u> Township <u>27N</u> Range <u>9W</u> NMPM County <u>San Juan</u>		8. Well Number 6A
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5976' GL		9. OGRID Number 131994
		10. Pool name or Wildcat Blanco Mesaverde/Otero Chacra

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: Submit annual water tests from Bradenhead to record water quality <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

OIL CONS. DIV DIST. 3
MAR 08 2013

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Four Star Gas & Oil Company respectfully submits this Form C-103 in to comply with the verbal agreement to monitor the water quality of the Bradenhead flow of potable water. As displayed by the attached water tests, the water is potable and does not constitute a danger to the fresh water strata. Also attached is the well bore diagram of the well.

Four Star Gas & Oil Company met with the NMOCD District Supervisor and agreed to submit annual water tests from both the production stream and the Bradenhead to ensure isolation. If tests show any change the NMOCD will be contacted to discuss the next steps.

The Bradenhead test history for the John Charles 6A showed 27 psi in 2003, a test was performed in 2006 but no pressure was recorded on the form. The 2009 test cannot be located. The 2012 test showed 28 psi, indicating no change in conditions.

Spud Date: 09/02/1997 Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE April E. Pohl TITLE Regulatory Specialist DATE March 6, 2013

Type or print name April E. Pohl E-mail address: April.Pohl@chevron.com PHONE: 505-333-1941

For State Use Only

APPROVED BY: Bob Pell TITLE Deputy Oil & Gas Inspector, District #3 DATE 3/13/13
Conditions of Approval (if any): AV



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6179 FAX: (505) 334-6170
<http://emrnr.d.state.nm.us/ocd/District/833/district.htm>

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8-31-12 Operator FOUR STAR OIL & GAS API #30-045-22660
Property Name John Chandler Well No 6A Location: Unit 1 Section 13 Township 27 Range 9N
Well Status (Shut-In or Producing) Initial PSI: Tubing 983 Intermediate X Casing 984 Bradenhead 30.1

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	0.8	1	186.4		
10 min	0.8	1	186.0		
15 min	0.8	1	185.5		
20 min	0.8	1	184.3		
25 min	0.7	1	185.6		
30 min	0.7	1	188.1		

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow <u>X</u> water	Oil Cons. Div District III
Surges	
Down to Nothing	OCT 24 2012
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 28.7 INTERMEDIATE n/a

REMARKS:

5 gal in 35 sec AT 15 min flowing 5 gal in 35 sec AT 30 min
flow 5 gal in 38 sec 700 gallon APPR in 30 min
Water sample pulled off Bullhead and production

By Randy calder

Witness _____

Calder service
(Position)

E-mail address Randy.c@calderservices.com

|||||



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 #: JohnCharles6A BradenHead

Background Information

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

Sample Characteristics

Sample Temp: 72 (°F) Viscosity: 1 cp
 pH: 10.19 Color: Clear
 Specific Gravity: 1.000 Odor: None
 S.G. (Corrected): 1.002 @ 60 °F Turbidity: Clear
 Resistivity (Calc): 8.58 Ω-m Filtrates: None

Sample Composition

CATIONS

	mg/l	me/l	ppm
Sodium (calc.)	72	3.1	72
Calcium	12	0.6	12
Magnesium	7	0.6	7
Barium	0	0.0	0
Potassium	0	0.0	0
Iron	0.00	0.0	0.00

ANIONS

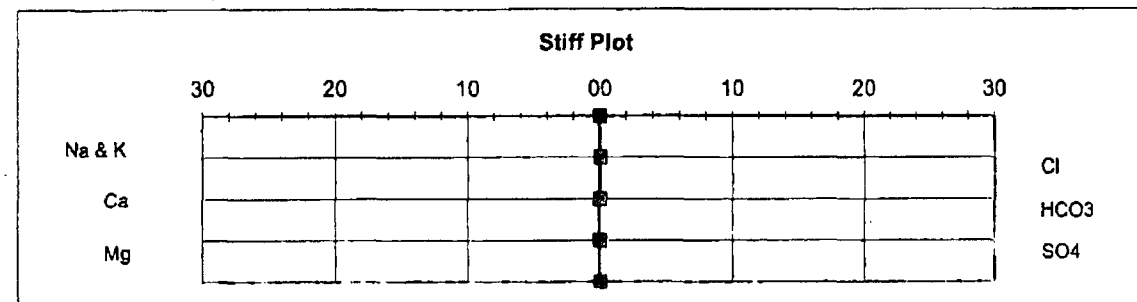
Chloride	100	2.8	100
Sulfate	0	0.0	0
Hydroxide	0	0.0	0
Carbonate	46	1.5	46
Bicarbonate	< 1	----	----

SUMMARY

Total Dissolved Solids(calc.)	192		192
Total Hardness as CaCO3	60	1.2	60

Scaling Tendencies

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





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 #: JohnCharles6A Production

Background Information

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

Sample Characteristics

Sample Temp: 72 (°F) Viscosity: 1 cp
 pH: 7.63 Color: Clear
 Specific Gravity: 1.014 Odor: None
 S.G. (Corrected): 1.016 @ 60 °F Turbidity: Clear
 Resistivity (Calc): 0.46 Ω-m Filtrates: None

Sample Composition

CATIONS

	mg/l	me/l	ppm
Sodium (calc.)	4866	211.7	4799
Calcium	120	6.0	119
Magnesium	194	16.0	192
Barium	0	0.0	0
Potassium	50	1.3	49
Iron	0.00	0.0	0.00

ANIONS

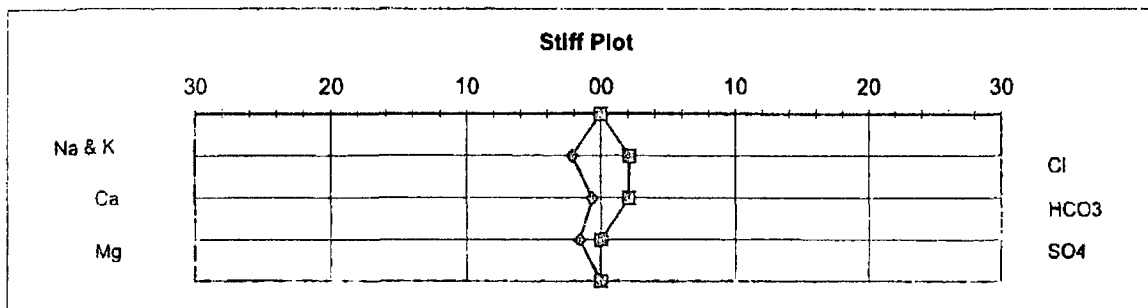
Chloride	7600	214.4	7495
Sulfate	0	0.0	0
Hydroxide	0	0.0	0
Carbonate	< 1	---	---
Bicarbonate	1305	21.4	1287

SUMMARY

Total Dissolved Solids(calc.)	14087		13892
Total Hardness as CaCO3	1101	22.0	1086

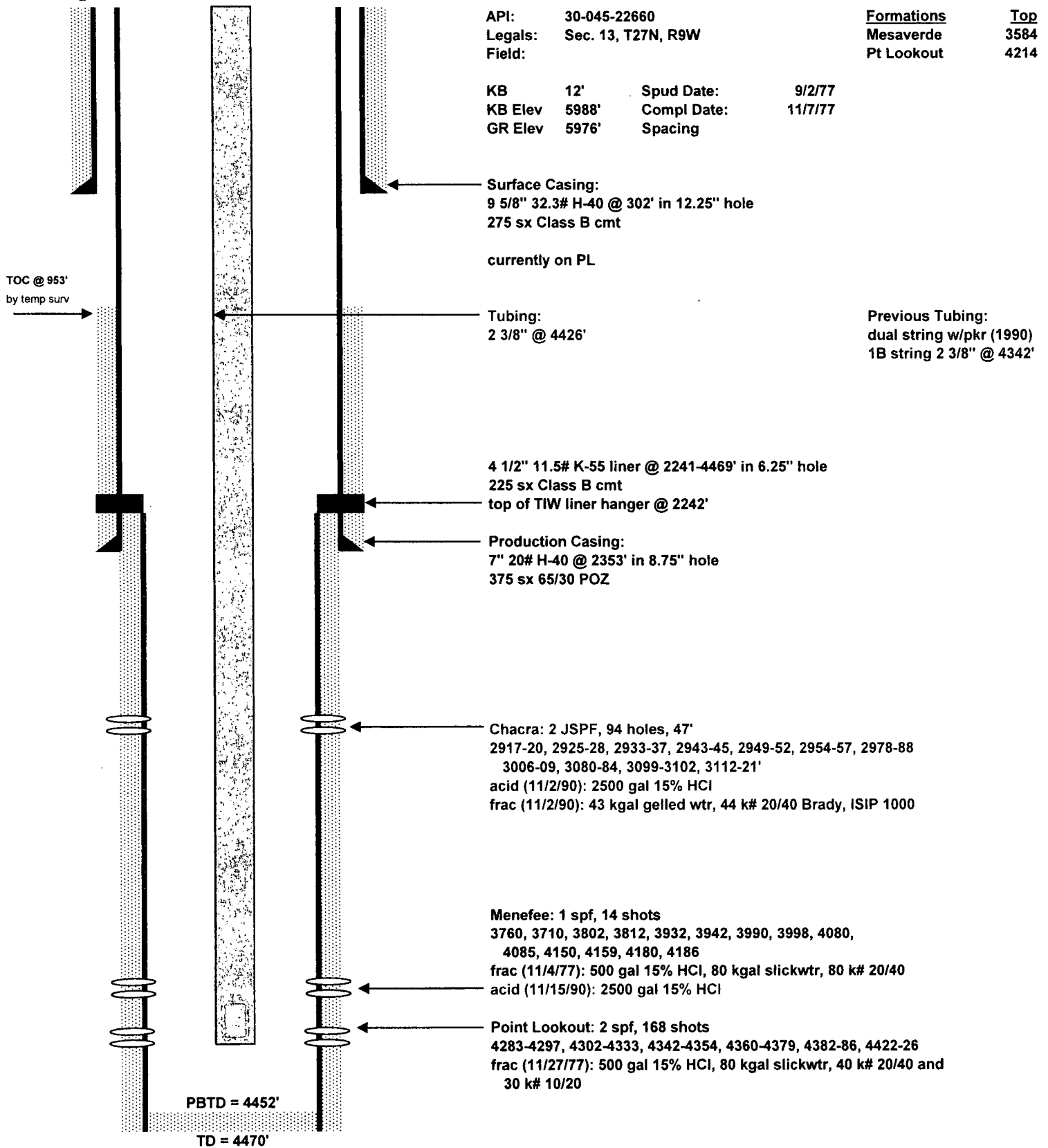
Scaling Tendencies

CaCO3 Factor 157039.6 Calcium Carbonate Scale Probability --> REMOTE
 CaSO4 Factor 0 Calcium Sulfate Scale Probability -----> REMOTE





John Charles 6A
San Juan County, New Mexico
Current Well Schematic as of May 11, 2010



Prepared by: Jason Chow
Date: 5/10/2010

Revised by:
Date: