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://emnrd.state.nm.us/ocd/District III/3distric.htm

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 10-24-17 Operator Great Western Drilling API #30-0 45 - 30701

Property Name J.E. Decker Well No. 3-C Location: Unit N Section 8 Township 32 Range 11

Well Status(Shut-In or Producing) Initial PSI: Tubing 119 Intermediate 0 Casing 125 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE Bradenhead BH	Bradenhead Int	Bradenhead Csg	INTERM Int	INTERM Csg
TIME 5 min	0	0	125	0	125
10 min	0	0	125	0	125
15 min	0	0	125	0	125
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing	X	X
Nothing		
Gas	X	X
Gas & Water		
Water		

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

CLEAR____ FRESH____ SALTY____ SULFUR____ BLACK____

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE 0

REMARKS:
Bradenhead: Small puff
Inter: Slight blow 5 sec.

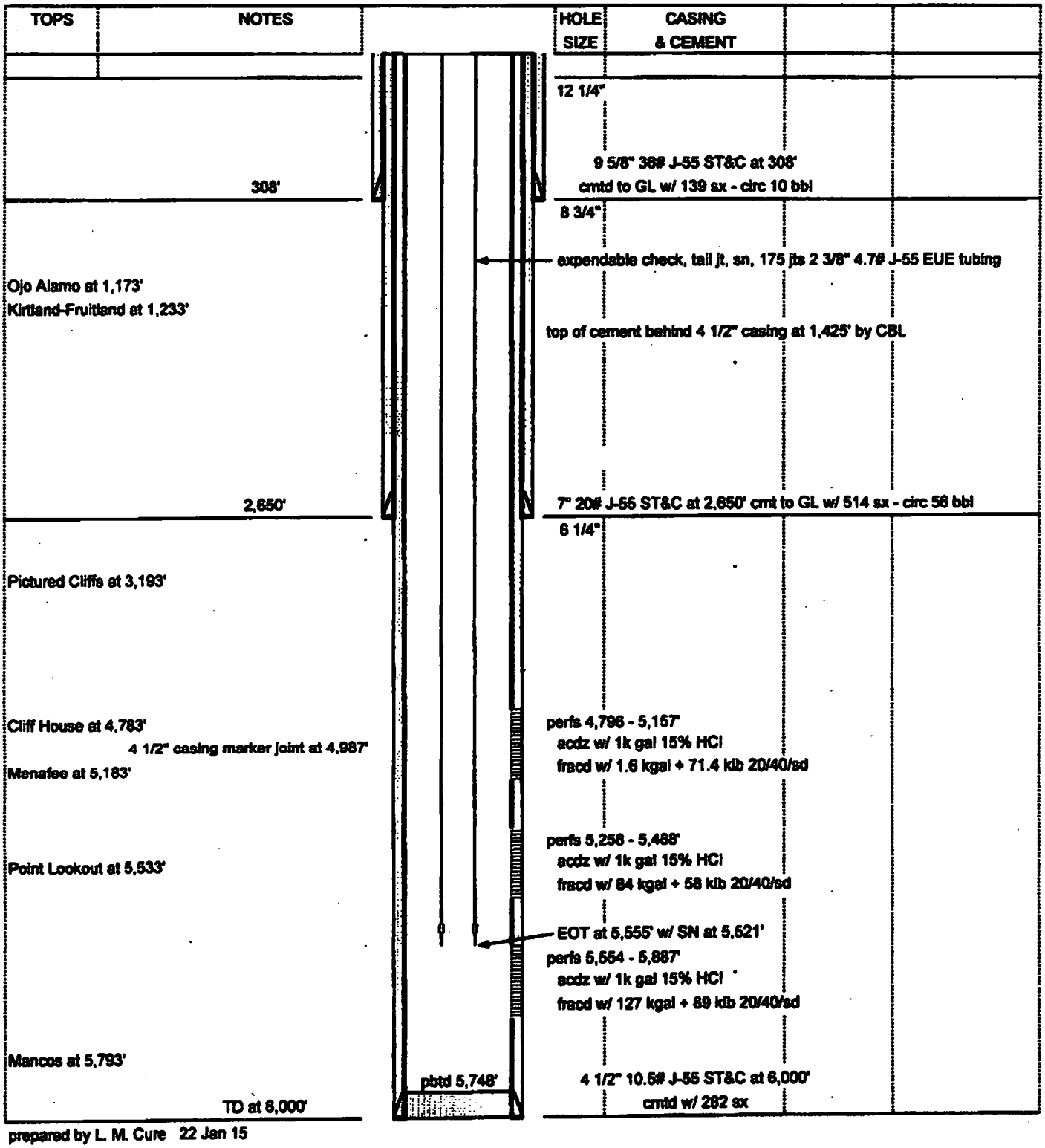
By Cillan Keller
Switcher
(Position)

Witness [signature] NMOCD

E-mail address _____

Well:	J. E. Decker #3-C
Location:	775' FSL & 1,890' FWL
	Sec 8 T32N R11W NMPM
	San Juan County, New Mexico
API no:	30-045-30701

Operator:	Great Western Drilling Company
Spud date:	7/27/2001
Elevations: KB	6,611'
KB-GL	10'
GL	6,601'



prepared by L. M. Cure 22 Jan 15

GAS ANALYSIS SERVICE

2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: GW170052
Cust No: 33050-10405

Well/Lease Information

Customer Name:	GREAT WESTERN DRILLING	Source:	TUBING
Well Name:	J.E. DECKER 3C; TBG	Well Flowing:	Y
County/State:	SAN JUAN NM	Pressure:	120 PSIG
Location:		Flow Temp:	DEG. F
Field:		Ambient Temp:	55 DEG. F
Formation:	BMV	Flow Rate:	MCF/D
Cust. Stn. No.:	API 30-045-30701	Sample Method:	Purge & Fill
		Date Sampled:	10/27/2017
		Sample Time:	11.40 AM
		Sampled By:	CULLAN
		Sampled by (CO):	GWDC

OIL CONS. DIV DIST. 3
NOV 07 2017

Remarks:

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1175	0.1158	0.0130	0.00	0.0011
CO2	1.9644	1.9360	0.3360	0.00	0.0298
Methane	83.1399	81.9360	14.1380	839.71	0.4605
Ethane	8.4961	8.3731	2.2790	150.36	0.0882
Propane	3.3778	3.3289	0.9330	84.99	0.0514
Iso-Butane	0.7094	0.6991	0.2330	23.07	0.0142
N-Butane	0.8448	0.8326	0.2670	27.56	0.0170
I-Pentane	0.3358	0.3309	0.1230	13.44	0.0084
N-Pentane	0.2380	0.2346	0.0870	9.54	0.0059
Hexane Plus	0.7763	0.7651	0.3470	40.92	0.0257
Total	100.0000	98.5521	18.7560	1189.58	0.7023

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0033	CYLINDER #:	5038
BTU/CU.FT IDEAL:	1192.3	CYLINDER PRESSURE:	125 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1196.3	DATE RUN:	10/31/17 12:00 AM
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1175.5	ANALYSIS RUN BY:	PATRICIA KING
DRY BTU @ 15.025:	1220.3		
REAL SPECIFIC GRAVITY:	0.7044		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.
GPA Standard: GPA-2261
GC: Danalyzer Model 500 **Last Cal/Verify: 11/01/2017**
GC Method: C6+ Gas

GAS ANALYSIS SERVICE

2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: GW170051
Cust No: 33050-10400

Well/Lease Information

Customer Name:	GREAT WESTERN DRILLING	Source:	CASING
Well Name:	J.E. DECKER 3C; CSG	Well Flowing:	Y
County/State:	SAN JUAN NM	Pressure:	125 PSIG
Location:		Flow Temp:	DEG. F
Field:		Ambient Temp:	55 DEG. F
Formation:	BMV	Flow Rate:	MCF/D
Cust. Stn. No.:	API 30-045-30701	Sample Method:	Purge & Fill
		Date Sampled:	10/27/2017
		Sample Time:	11.50 AM
		Sampled By:	CULLAN
		Sampled by (CO):	GWDC

OIL CONS. DIV DIST. 3
NOV 07 2017

Remarks:

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.3301	0.3211	0.0360	0.00	0.0032
CO2	0.0042	0.0041	0.0010	0.00	0.0001
Methane	93.8481	91.2921	15.9460	947.87	0.5198
Ethane	2.6846	2.6115	0.7200	47.51	0.0279
Propane	1.8163	1.7668	0.5020	45.70	0.0277
Iso-Butane	0.4534	0.4411	0.1490	14.74	0.0091
N-Butane	0.3417	0.3324	0.1080	11.15	0.0069
I-Pentane	0.1516	0.1475	0.0560	6.07	0.0038
N-Pentane	0.0752	0.0732	0.0270	3.01	0.0019
Hexane Plus	0.2948	0.2868	0.1320	15.54	0.0098
Total	100.0000	97.2766	17.6770	1091.59	0.6100

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0025	CYLINDER #:	5020
BTU/CU.FT IDEAL:	1094.1	CYLINDER PRESSURE:	130 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1096.9	DATE RUN:	10/31/17 12:00 AM
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1077.8	ANALYSIS RUN BY:	PATRICIA KING
DRY BTU @ 15.025:	1118.9		
REAL SPECIFIC GRAVITY:	0.6113		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.
GPA Standard: GPA-2261
GC: Danalyzer Model 500 **Last Cal/Verify: 11/01/2017**
GC Method: C6+ Gas