

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 July 18, 2013

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. 30-039-23605
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Benson-Montin-Greer Drilling Corp.		6. State Oil & Gas Lease No.
3. Address of Operator 4900 College Blvd. Farmington, NM 87402		7. Lease Name or Unit Agreement Name C/A NM015P3586C521 Mother Lode A
4. Well Location Unit Letter K : 1850 feet from the South line and 1850 feet from the West line Section 3 Township 24N Range 2W NMPM County Rio Arriba, NM		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7175 GL, 7187 KB		9. OGRID Number 2096
		10. Pool name or Wildcat Gavilan Mancos

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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.

Benson-Montin-Greer Drilling Corp. intends to plug and abandon the Mother Lode A #2 using the attached procedure. Current and proposed wellbore diagrams are also attached. A closed-loop system will be used.

OIL CONS. DIV DIST. 3

JUN 02 2016

Move Plug #1 to 7560'-7660'
Move Mancos plug to 5610'-5710'
Add Nacimiento Plug from 1940'-2040'
Extend plug #2 to 6500' or set with a Bailer

Notify NMOCD 24 hrs
prior to beginning
operations

Spud Date:

11/20/85

Rig Release Date:

1/23/86

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

SIGNATURE

TITLE Vice President

DATE

6/2/16

Type or print name Zach Stradling

E-mail address: zstradling@bmgsdrilling.com

PHONE: (505) 325-8874

For State Use Only

DEPUTY OIL & GAS INSPECTOR

APPROVED BY: Brandon Powell

TITLE

DISTRICT #3

DATE

6/18/16

Conditions of Approval (if any):

4

BENSON-MONTIN-GREER DRILLING
Proposed P&A Procedure

Operator: Benson-Montin-Greer Drilling Corp.
Date: April 2016
Field: Gavilan
Contractor: Llaves Well Service
Supervisor: Ben Gonzales

Well Name: Mother Lode A #2
API Number.: 30-039-23605
Location: Unit K, Sec. 3, T24N, R2W
Rig Supervisor: Jaime Serna

Note: Calculated cement volumes use 100% excess outside pipe and 50 ft excess inside pipe. Cement will be Class G or equivalent and have a yield of 1.15 cf/sk. Stabilizing wellbore fluid will be 8.33 ppg.

1. MIRU. Prepare blow pit. ND wellhead, NU and test BOP. Kill well with water if necessary.
2. Tag up and tally out 2-3/8" tubing [(204) 2-3/8" joints, (1) SN. SN at 6703'. Pick up extra 2-3/8" tubing joints as necessary.
3. **Plug #1:** Dakota, 7765'-7665'. TIH with open ended tubing. Mix 18 sx cement to fill inside 5-1/2" casing to cover from 50' below Dakota top to 50 ft above Dakota top. TOOH.
4. **Plug #2:** Niobrara, 6600'-6550'. Round trip 5-1/2" scraper, tag top of Dakota plug. TIH with 5-1/2" CIBP and set at 6600' (within 50 to 100 feet above open perfs). Load well with fresh water and circulate clean. Pressure test casing to 500 psi. TOOH. Run CBL to 6600'. TIH, mix 12 sx cement and spot balanced plug inside 5-1/2" casing above CIBP to isolate Niobrara perfs (top of cement would be ~95 ft above top of Niobrara formation). PUH to 5750'.
5. **Plug #3:** Mancos, 5750'-5650'. Mix 18 sx cement and spot balanced plug inside 5-1/2" casing to cover from 50 ft below Mancos top to 50 ft above Mancos top. PUH to 5023'.
6. **Plug #4:** Mesaverde (Cliff House), 5023'-4923'. Mix 18 sx and spot balanced plug inside 5-1/2" casing to cover from 50 ft below Mesaverde (Cliff House) top to 50 ft above Mesaverde (Cliff House) top. PUH to 3315'.
7. **Plug #5:** Pictured Cliffs/Kirtland-Fruitland/Ojo Alamo 3315'-2750'. Mix 72 sx and spot balanced plug inside 5-1/2" casing to cover from 50 ft below Pictured Cliffs top to 50 ft above Ojo Alamo top. PUH to 320'.
8. **Plug #6:** Surface 320'-0'. Mix 43 sx and spot balanced plug inside to cover from 50 ft below surface casing shoe to surface. Shut in well and WOC.
9. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RDMO. Cut off anchors and reclaim location.

Benson-Montin-Greer Drilling Corp. Mother Lode A #2 - Mancos

Section 3 T24N R2W

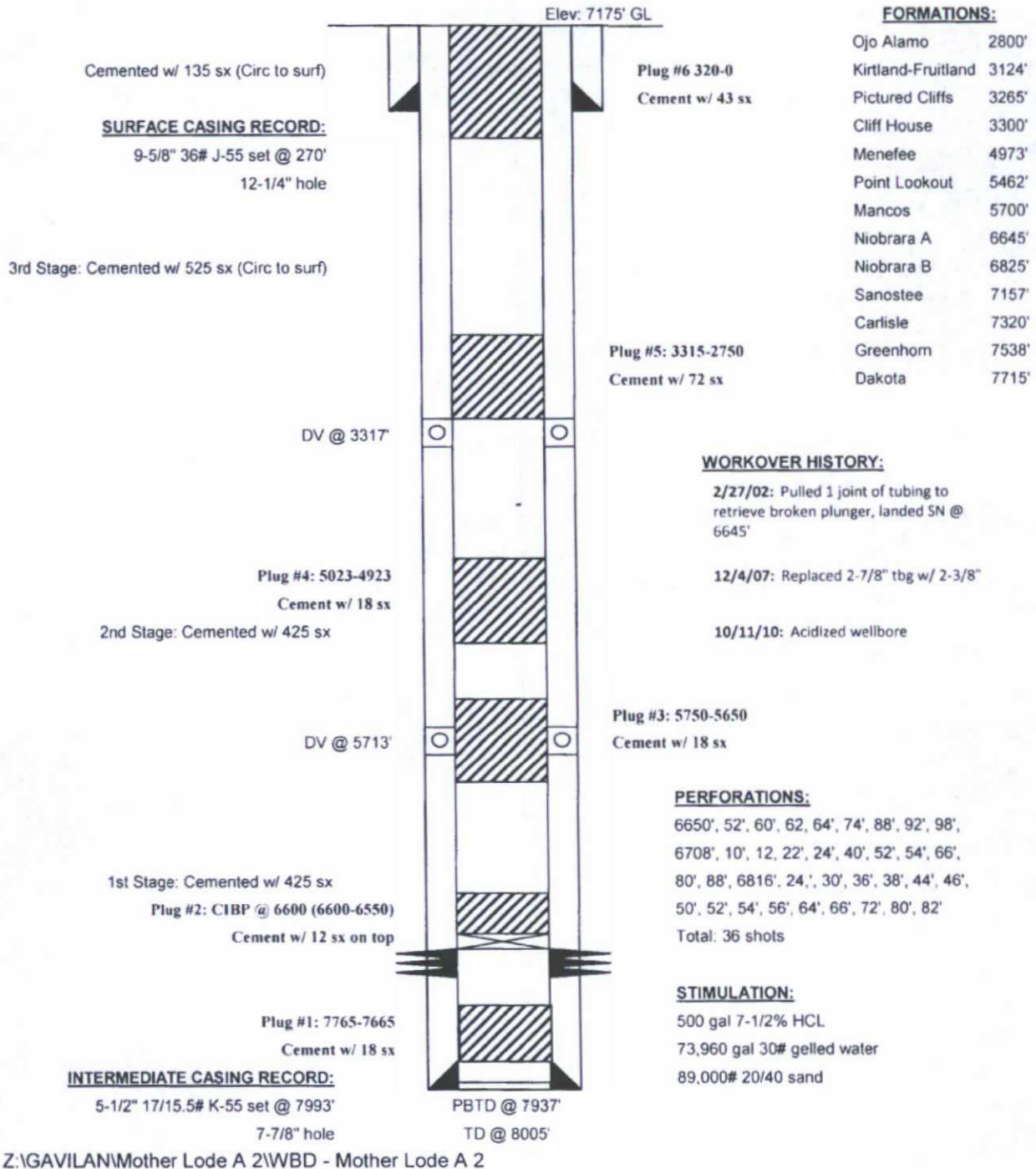
API: 30-039-23605

Gavilan Mancos

Rio Arriba, NM

Lat/Long: N 36.33593/W 107.03947

Spud Date: 11/20/1985



Z:\GAVILAN\Mother Lode A 2\WBD - Mother Lode A 2

Benson-Montin-Greer Drilling Corp.
Mother Lode A #2 - Mancos

Section 3 T24N R2W

API: 30-039-23605

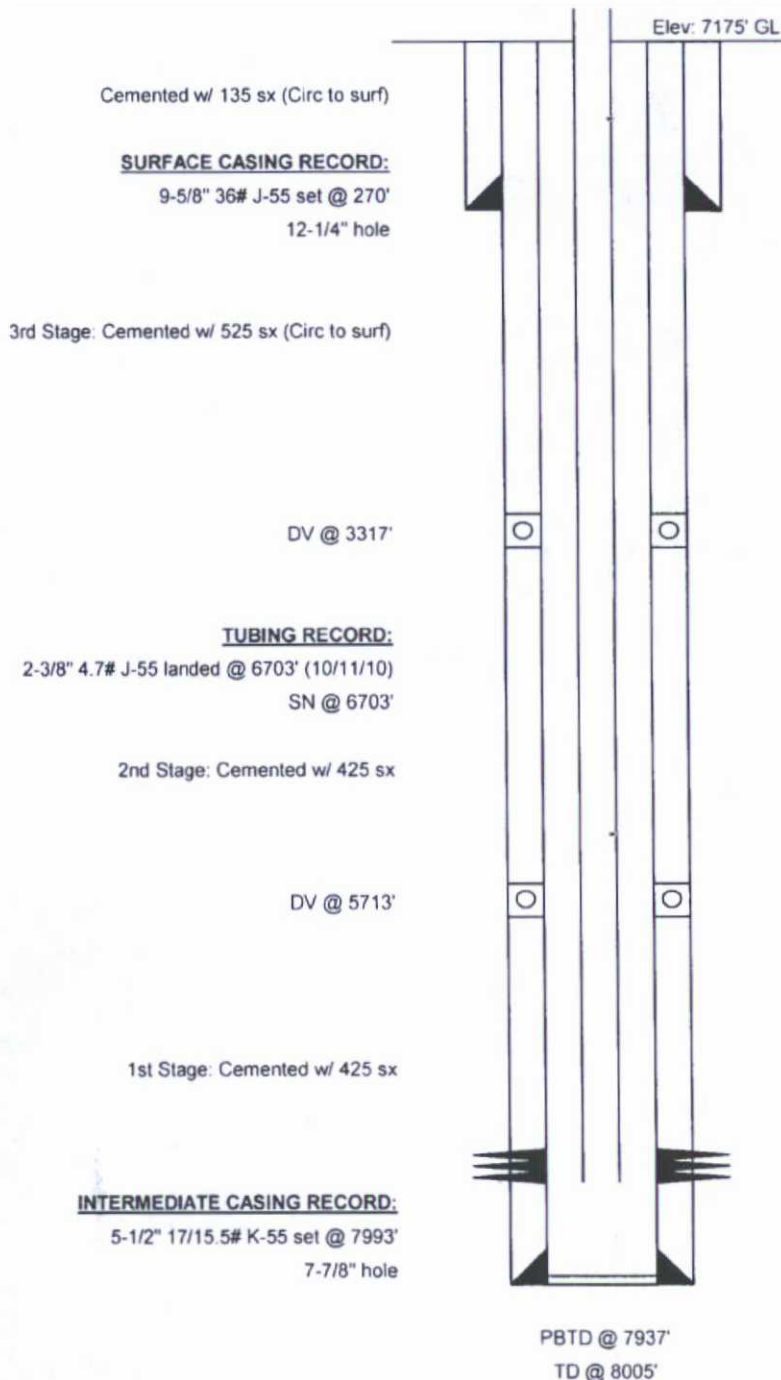
Gavilan Mancos

Rio Arriba, NM

Lat/Long: N 36.33593/W 107.03947

Spud Date: 11/20/1985

ZAS 1/28/14



FORMATIONS:

Ojo Alamo	2800'
Kirtland-Fruitland	3124'
Pictured Cliffs	3265'
Cliff House	3300'
Menefee	4973'
Point Lookout	5462'
Mancos	5700'
Niobrara A	6645'
Niobrara B	6825'
Sanostee	7157'
Carlisle	7320'
Greenhorn	7538'
Dakota	7715'

WORKOVER HISTORY:

2/27/02: Pulled 1 joint of tubing to retrieve broken plunger, landed SN @ 6645'

12/4/07: Replaced 2-7/8" tbg w/ 2-3/8"

10/11/10: Acidized wellbore

PERFORATIONS:

6650', 52', 60', 62', 64', 74', 88', 92', 98',
6708', 10', 12', 22', 24', 40', 52', 54', 66',
80', 88', 6816', 24', 30', 36', 38', 44', 46',
50', 52', 54', 56', 64', 66', 72', 80', 82'
Total: 36 shots

STIMULATION:

500 gal 7-1/2% HCL
73,960 gal 30# gelled water
89,000# 20/40 sand

Z:\GAVILAN\Mother Lode A 2\WBD - Mother Lode A 2