

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM03556

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
SCHMITZ 2A

2. Name of Operator  
MCELVAIN ENERGY INC  
Contact: TONY G COOPER  
E-Mail: TONY.COOPER@MCELVAIN.COM

9. API Well No.  
30-039-23785-00-C1

3a. Address  
1050 17TH STREET STE 2500  
DENVER, CO 802065

3b. Phone No. (include area code)  
Ph: 303-962-6489

10. Field and Pool, or Exploratory  
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 16 T25N R3W SWNE 1700FNL 1850FEL  
36.400522 N Lat, 107.147644 W Lon

11. County or Parish, and State  
RIO ARRIBA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ON SEPTEMBER 1ST 2005 MCELVAIN OIL AND GAS PROPERTIES BECAME OPERATOR OF RECORD FROM LITTLE OIL AND GAS. OUR HISTORICAL RECORDS SHOW THAT THE GALLUP, DAKOTA, AND MESAVERDE FORMATIONS WERE COMINGLED DOWNHOLE ON 10-30 1986 BY LITTLE OIL AND GAS.

OIL CONS. DIV DIST. 3

JUN 20 2016

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #341953 verified by the BLM Well Information System**  
**For MCELVAIN ENERGY INC, sent to the Rio Puerco**  
**Committed to AFMSS for processing by CYNTHIA MARQUEZ on 06/16/2016 (16CXM0012SE)**

Name (Printed/Typed) JOE KELLOFF Title VP PROD & BUSINESS DEVELOPMENT

Signature (Electronic Submission) Date 06/14/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** Title JOSEPH R HEWITT Date 06/15/2016  
 Title GEOLOGIST  
 Office Rio Puerco

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* BLM REVISED \*\*

## Well Pulling Report

Job: Started Dec. 10 19 85  
 Completed \_\_\_\_\_ 19 \_\_\_\_\_

Field Curtis Little

Lease SCHMITZ

Well No. 2 A T.D. 8011-At 12' K.B.

P.B.M. \_\_\_\_\_

Tubing Head Mfg: GULFCD

Type: Dual String

Series: 900

Pulled		Description of Items Pulled or Run	Run		Status From and To: Set At: Jts. off Bottom, etc.: as Applicable
Feet or Other Quantity	Jts.		Feet or Other Quantity	Jts.	
7063.15	223	2 3/8 tubing.			
10	1	2 3/8 seat nipple			
29.40	1	2 3/8 tubing under seat nipple.			
7092.65	224	Total Jts. Pulled			
		Tripped out of hole. Reperforated + Fracked mesa-verde zone. T.I.H. and retrieved B.Plug. Had to clean out 180 FEET OF SAND WITH NITROGEN. Retrieved plug + came out of hole. Ran in with prod. string. Had to clean out 210 FEET OF SAND to get to T.D. 8011. Landed well at 7942.19 7954.19 with 12' K.B.			
		1 Jt 2 3/8 Tail Pipe	29.40	1	
		1- 2 3/8 seat nipple	10	1	
		250- Jts. 2 3/8 tubing	7912.69	250	
		<b>TOTAL.</b>	<b>7942.19</b>	<b>251</b>	<b>Jts 2 3/8</b>
		This commingles the Gallup-Dakota- and M.V. zones.			

Reason for work: Completion of Mesa Verde Zone

Results of work: \_\_\_\_\_

Remarks: \_\_\_\_\_

Previous change in status recorded on report for job completed. Form 1227 Jun-81

Contractor: Action Well Serv.  
 Prepared by: [Signature] Checked by: \_\_\_\_\_

Rod and Tubing Report

Curtis Little  
Schmitz No. 2A

1/21/86 Moved in Monument Well Service. Killed well with 150 bbl. KCl water. Installed bop and tripped out of hole with 251 jts. 2 3/8" tubing. Found bottom 3 jts. of tubing stuck in sand, requiring 62,000 lb. to pull free. Layed down 30 jts. tubing and ran in hole with 221 jts. tubing carrying tubing anchor 5 jts. from bottom. Attempted to set anchor with no success. Tripped out of hole, could find nothing wrong with anchor. Left casing open to atmosphere for night.

1/22/86 Ran 221 jts. 2 3/8" tubing and landed as follows:

216 jts. tubing	6862.14'
tubing anchor w/30,000 lb shear (10,000 lb. tension on tubing)	3.30' @6872'
4 jts. 2 3/8" tubing	127.90'
seating nipple	1.10
1 jt. 2 3/8" tubing w/ sawtooth collar	33.00

*in left  
Time.*

*Removed  
October-86*

Ran Grade "D" rod string as follows:

- 22' x 1 1/4" polish rod with liner
- 4' 7/8" rod sub
- 6' 7/8" rod sub
- 77 7/8" rods
- 200 3/4" rods
- 2' 3/4" rod sub
- 2"x1.5"x16' RWBC-RV pump

*Tbe Landed  
120287  
Rod - In Stealing  
yard.*

Loaded tubing with water and pressure tested to 400 psi. Stroked pump and found it working properly. Rigged down Monument Well Service.

*Bottom Bay.*

*Completed  
10-30-86  
see report*

OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-122-A  
Revised 10-1-78

WELL DELIVERABILITY TEST REPORT FOR 19 86

POOL NAME <b>Blanco</b>	POOL SLOPE n = <b>.75</b>	FORMATION <b>Mesaverde</b>	COUNTY <b>Rio Arriba</b>
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COMPANY <b>Curtis J. Little</b>			WELL NAME AND NUMBER <b>Schmitz #2A</b>		
UNIT LETTER <b>G</b>	SECTION <b>16</b>	TOWNSHIP <b>25</b>	RANGE <b>3</b>	PURCHASING PIPELINE <b>EPNG</b>	
CASING O.D. - INCHES <b>4 1/2"</b>	CASING I.D. - INCHES <b>4.0"</b>	SET AT DEPTH - FEET <b>8062</b>	TUBING O.D. - INCHES <b>2.375</b>	TUBING I.D. - INCHES <b>1.995</b>	TOP - TUBING PERF. - FEET <b>7100 7877</b>
FROM <b>5890</b>	GAS PAY ZONE <b>7382</b>	WELL PRODUCING THRU CASING XXX TUBING		GAS GRAVITY <b>.738</b>	GRAVITY & LENGTH <b>4347</b>
DATE OF FLOW TEST FROM <b>8-25-86</b> TO <b>9-1-86</b>			DATE SHUT-IN PRESSURE MEASURED <b>9-8-86</b>		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) <b>197</b>	(b) Flowing Tubing Pressure (DWt) <b>172</b>	(c) Flowing Meter Pressure (DWt) <b>197</b>	(d) Flow Chart Static Reading <b>197</b>	(e) Meter Error (Item c - Item d) <b>0</b>	(f) Friction Loss (a - c) or (b - c) <b>0</b>	(g) Average Meter Pressure (Integr.) <b>1</b>
(h) Corrected Meter Pressure (g + e) <b>179</b>	(i) Avg. Wellhead Press. P <sub>1</sub> = (h + f) <b>179</b>	(j) Shut-In Casing Pressure (DWt) <b>871</b>	(k) Shut-In Tubing Pressure (DWt) <b>782</b>	(l) P <sub>c</sub> = higher value of (j) or (k) <b>871</b>	(m) Del. Pressure P <sub>d</sub> = <u>70</u> % P <sub>c</sub> <b>609</b>	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D <b>214</b>	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ <b>1.0</b>	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ <b>1.0</b>	Corrected Volume <b>Q = 214 MCF/D</b>
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WORKING PRESSURE CALCULATION

$(1 - e^{-1})$ <b>.271</b>	$(F_c Q_m)^2 (1000)$ <b>768</b>	$R^2 = (1 - e^{-1}) (F_c Q_m)^2 (1000)$ <b>208</b>	$P_1^2$ <b>32041</b>	$P_w^2 = P_1^2 + R^2$ <b>32249</b>	$P_w = \sqrt{P_w^2}$ <b>180</b>
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DELIVERABILITY CALCULATION

$$D = Q \left[ \frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{214}{\left[ \frac{370881}{726392} \right]^n} \left( \frac{.51058}{.6040} \right)^n = \underline{129} \text{ MCF/D}$$

REMARKS: I&A after commingle approval.  
Downhole commingle order #DHB-622  
Ojito Gallup Dakota/Blanco MV  
MV = 89% = 115 MCF/D

BMU / Ojito 64/DK

SUMMARY		
70% PD	80% PD	
Item h <b>179</b>		Psia
P <sub>c</sub> <b>871</b>		Psia
Q <b>214</b>		MCF/D
P <sub>w</sub> <b>180</b>		Psia
P <sub>d</sub> <b>609</b>	<b>697</b>	Psia
D <b>115</b>	<b>91</b>	MCF/D

Company Curtis J. Little  
By Joe Little  
Title Agent  
Witnessed By \_\_\_\_\_  
Company \_\_\_\_\_