

Well Name: BARNES LS	Well Location: T32N / R11W / SEC 23 / SWNW / 36.971006 / -107.964833	County or Parish/State: SAN JUAN / NM
Well Number: 7M	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: FEE	Unit or CA Name: BARNES LS, BASIN DAKOTA	Unit or CA Number: NMNM112532, NMNM73422
US Well Number: 3004532491	Operator: SIMCOE LLC	

Subsequent Report

Sundry ID: 2796990

Type of Submission: Subsequent Report	Type of Action: Well Test
Date Sundry Submitted: 06/25/2024	Time Sundry Submitted: 09:32
Date Operation Actually Began: 06/20/2024	

Actual Procedure: null

SR Attachments

Actual Procedure

3004532491__Barnes_LS_007M_Breadenhead_test_6_20_24_20240625093157.pdf

Well Name: BARNES LS	Well Location: T32N / R11W / SEC 23 / SWNW / 36.971006 / -107.964833	County or Parish/State: SAN JUAN / NM
Well Number: 7M	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: FEE	Unit or CA Name: BARNES LS, BASIN DAKOTA	Unit or CA Number: NMNM112532, NMNM73422
US Well Number: 3004532491	Operator: SIMCOE LLC	

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CHRISTY KOST

Signed on: JUN 25, 2024 09:32 AM

Name: SIMCOE LLC

Title: Permitting Agent

Street Address: 1199 MAIN AVE STE 101

City: DURANGOState: CO

Phone: (719) 251-7733

Email address: CHRISTY.KOST@IKAVENERGY.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 06/25/2024

Signature: Matthew Kade



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 NW3dIstrie.htm](http://emnrd.state.nm.us/ocd/District%20NW3d%20distric.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 6/20/24 Operator IKAV API #30-0 45-32491

Property Name Barnes LS 007M Well No. 007M Location: Unit E Section 23 Township 32N Range 11W

Well Status(Shut-In or Producing) Initial PSI: Tubing 79 Intermediate 5 Casing 79 Bradenhead 90

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	0	5	79	0	79
10 min	0	5	79	0	79
15 min	0	5	79	0	79
20 min	0	5	79	0	79
25 min	0	5	79	0	79
30 min	0	5	79	0	79

	FLOW CHARACTERISTICS	
	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing	X 5 sec	X 1 sec
Nothing		
Gas		
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 37 INTERMEDIATE 0

REMARKS:

BH blew down in 5 sec
Int blew down in 1 sec

By Michael Andrews

Witness _____

(Position)

E-mail address michael.andrews@ikavenergy.com

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

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-045-32491
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Barnes LS
8. Well Number 7M
9. OGRID Number 000778
10. Pool name or Wildcat Basin Dakota, Blanco-Mesaverde

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator SIMCOE LLC	
3. Address of Operator 1199 Main Ave, Suite 101, Durango, CO 81301	
4. Well Location Unit Letter <u>E</u> : <u>2,445</u> feet from the <u>North</u> line and <u>830</u> feet from the <u>West</u> line Section <u>23</u> Township <u>32N</u> Range <u>11W</u> NMPM <u>San Juan</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6,324', GL	

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input checked="" type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
--	--

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.

Bradenhead Repair SR

5/2/24 - TOOH with tubing, ran bit and scrapper.
 5/13/24 - Started drilling CIBP, got stuck, worked pipe with no success.
 5/14/24 - Worked pipe with no success, Shot holes in the tubing and worked pipe with no success. Cut tubing and tripped out.
 5/6/24 - Set CIBP at 4890', good pressure test. Perforate at 4250'. Good injection rate but couldn't get circulation to surface.
 5/7/24 - Set CIBP, Pumped 117sks cement into squeeze holes.
 5/8/24 - Drillout cement, good pressure test, ran a CBL. The CBL shows good bond from 4100' to 4310'.
 5/9/24 - Perforate at 3400', set CIBP at 3369'. Had good circulation to surface, pumped 75sks.
 5/10/24 - Drilled out cement, good pressure test. Ran CBL, cement from 2880' to 3720'.
 5/15/24 - Mill over stuck bit, to 5472'.
 5/16/24 - POH and recovered bit, land production tubing RDMO.

Spud Date:

Rig Release Date:

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

SIGNATURE Christy Kost TITLE Regulatory Analyst DATE 11/26/2024

Type or print name Christy Kost E-mail address: christy.kost@ikavenergy.com PHONE: 970-822-8931

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Barnes LS 007M

Bradenhead Repair

30-045-32491

Sec 23, T32N, R11W

5/2/24 - TOOH with tubing, ran bit and scrapper.

5/6/24 – Set CIBP at 4890', good pressure test. Perforate at 4250'. Good injection rate but couldn't get circulation to surface.

5/7/24 – Set CICR, Pumped 117sks cement into squeeze holes.

5/8/24 – Drillout cement, good pressure test, ran a CBL. The CBL shows good bond from 4100' to 4310'.

5/9/24 – Perforate at 3400', set CICR at 3369'. Had good circulation to surface, pumped 75sks.

5/10/24 – Drilled out cement, good pressure test. Ran CBL, cement from 2880' to 3720'.

5/13/24 – Started drilling CIBP, got stuck, worked pipe with no success.

5/14/24 – Worked pipe with no success, Shot holes in the tubing and worked pipe with no success. Cut tubing and tripped out.

5/15/24 – Mill over stuck bit, to 5472'.

5/16/24 – POH and recovered bit, land production tubing RDMO.



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 NW3dIstrie.htm](http://emnrd.state.nm.us/ocd/District%20NW3d%20distric.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 6/20/24 Operator IKAV API #30-0 45-32491

Property Name Barnes LS 007M Well No. 007M Location: Unit E Section 23 Township 32N Range 11W

Well Status(Shut-In or Producing) Initial PSI: Tubing 79 Intermediate 5 Casing 79 Bradenhead 90

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	0	5	79	0	79
10 min	0	5	79	0	79
15 min	0	5	79	0	79
20 min	0	5	79	0	79
25 min	0	5	79	0	79
30 min	0	5	79	0	79

	FLOW CHARACTERISTICS	
	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing	X 5 sec	X 1 sec
Nothing		
Gas		
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 37 INTERMEDIATE 0

REMARKS:

BH blew down in 5 sec
Int blew down in 1 sec

By Michael Andrews

Witness _____

(Position)

E-mail address michael.andrews@ikavenergy.com

Barnes LS 007M
MV/DK
API #: 300453249100
Unit E - Sec. 23 - T32N - R11W
San Juan, NM

Formation Tops

Ojo Alamo	1484
Kirtland	1597
Fruitland	2668
Pictured Cliffs	3041
Lewis	3234
Chacra	4200
Cliff House	4584
Menefee	4976
Point Lookout	5311
Mancos	5672
Greenhorn	7360
Graneros	7411
Two Wells	7483
Paguate	7551
Cubero	7581
Encinal Canyon	7671

Deviation

Depth	Inclination
520	0.75
1020	0.75
1523	1.00
2027	1.25
2712	1.00
3366	1.25

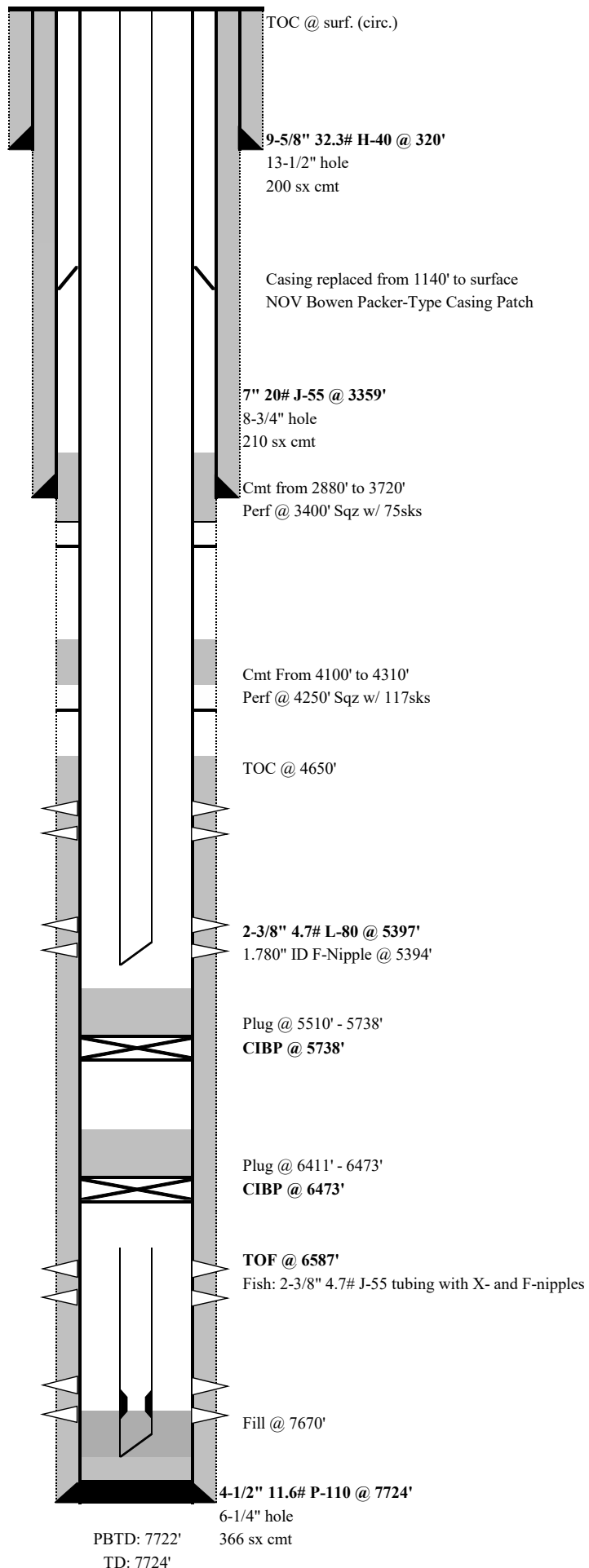
Mesa Verde Perforations

5005' - 5225' 4 jspf
Frac'd w/ 11k# 40/70, 144k# 16/30, 70Q foam

5285' - 5358' 3 jspf
5369' - 5472' 4 jspf
Frac'd w/ 8k# 40/70, 140k# 16/30, 70Q foam

Dakota Perforations

7573' - 7486' 3 jspf
7709' - 7585' 4 jspf
Frac'd w/ 96k# carbolite & 65Q foam (SO)



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 406619

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 406619
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	for record only	1/7/2025