

BEOOQGX

South District-Artesia

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division Hobbs District Office

**BRADENHEAD TEST REPORT**

Operator Name <b>BEACH EXPLORATION</b>	API Number <b>30-015-25363</b>
Property Name <b>WHLPSH</b>	Well No. <b>17</b>

2. Surface Location

UL - Lot <b>M</b>	Section <b>17</b>	Township <b>16S</b>	Range <b>29E</b>	Feet from <b>660</b>	N/S Line <b>S</b>	Feet From <b>330</b>	E/W Line <b>W</b>	County <b>EDDY</b>
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Well Status

YES	TA'D WELL <input checked="" type="radio"/> NO	YES	SHUT-IN <input checked="" type="radio"/> NO	<input checked="" type="radio"/> INJECTOR	SWD	OIL	PRODUCER	GAS	DATE <b>3/19/24</b>
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OBSERVED DATA

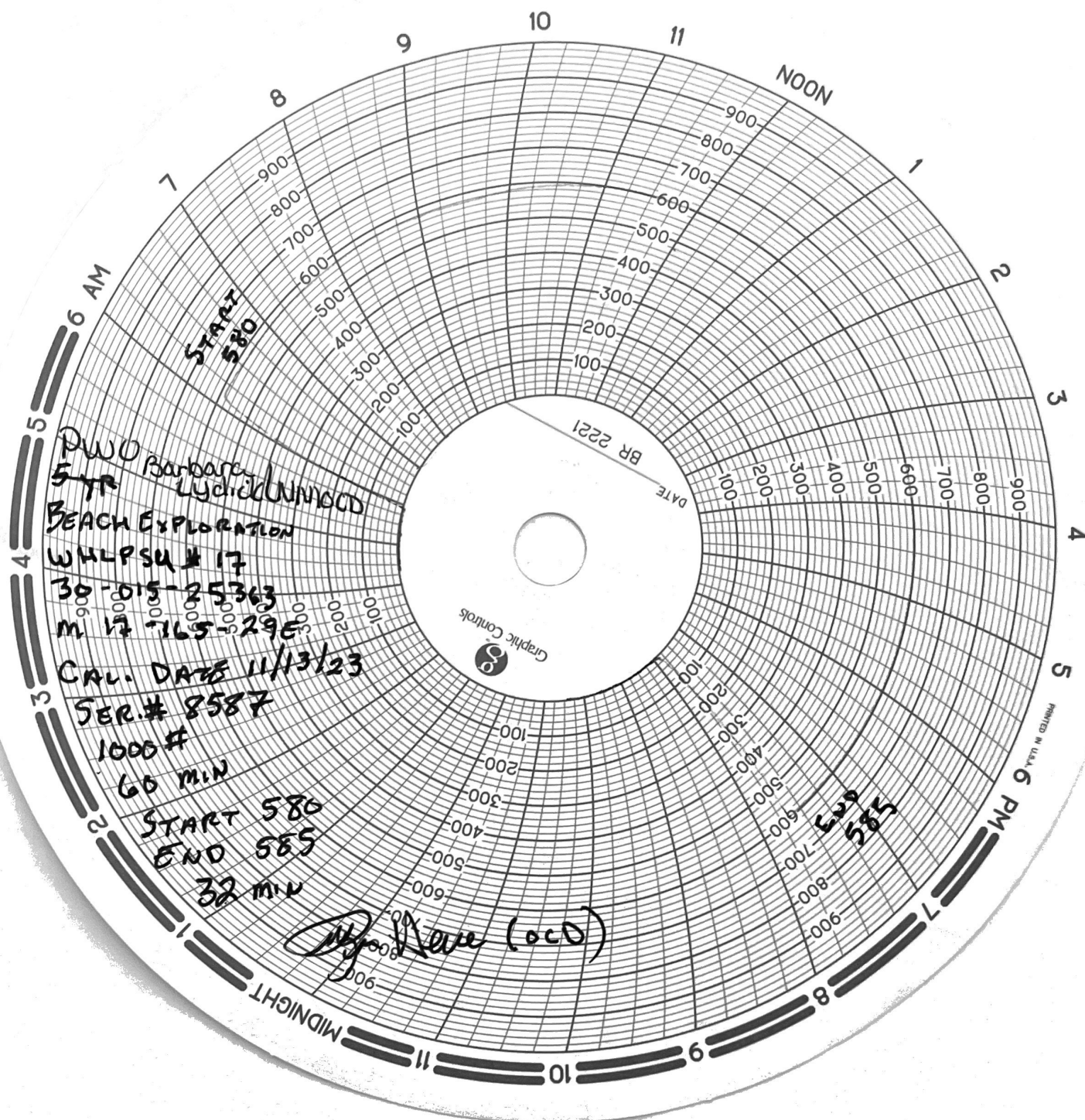
	(A) Surface	(B) Interm(1)	(C) Interm(2)	(D) Prod Csg	(E) Tubing
Pressure	<b>0</b>			<b>0</b>	<b>0</b>
Flow Characteristics					
Puff	Y / <input checked="" type="radio"/> N	Y / N	Y / N	Y / <input checked="" type="radio"/> N	CO2
Steady Flow	Y / <input checked="" type="radio"/> N	Y / N	Y / N	Y / <input checked="" type="radio"/> N	WTR <input checked="" type="checkbox"/>
Surges	Y / <input checked="" type="radio"/> N	Y / N	Y / N	Y / <input checked="" type="radio"/> N	GAS <input type="checkbox"/>
Down to nothing	<input checked="" type="radio"/> Y / N	Y / N	Y / N	<input checked="" type="radio"/> Y / N	Type of Fluid
Gas or Oil	Y / <input checked="" type="radio"/> N	Y / N	Y / N	Y / <input checked="" type="radio"/> N	Is tested for
Water	Y / <input checked="" type="radio"/> N	Y / N	Y / N	Y / <input checked="" type="radio"/> N	Waterhead if
					applies

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

**Post WORKOVER BHT**

Signature:		OIL CONSERVATION DIVISION	
Printed name:		Entered into RBDMS	
Title		Re-test	
E-mail Address:			
Date:	Phone:		
Witness: <i>[Signature]</i>			

INSTRUCTIONS ON BACK OF THIS FORM



Well Name: WHLPSU	Well Location: T16S / R29E / SEC 17 / SWSW / 32.9162775 / -104.1045336	County or Parish/State: EDDY / NM
Well Number: 17	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM109644	Unit or CA Name: WEST HIGH LONESOME UNIT	Unit or CA Number: NMNM106832X
US Well Number: 3001525363	Operator: BEACH EXPLORATION INCORPORATED	

Subsequent Report

Sundry ID: 2780698

Type of Submission: Subsequent Report

Date Sundry Submitted: 03/20/2024

Date Operation Actually Began: 05/29/2023

Type of Action: Mechanical Integrity Test

Time Sundry Submitted: 01:13

**Actual Procedure:** The WHLU #17 injector failed a mechanical integrity test on May 18th, 2023 conducted by Barbara Lydick (NMOCD). Plan to pull well to repair. Filing online on AFMSS. Original copy filed and mailed to BLM on May 19, 2023.

SR Attachments

Actual Procedure

WHL\_\_17\_WELLBORE\_20240320131259.pdf



Received by OCD: 12/17/2024 11:35:42 AM

Well Name: WHLPSU

Well Location: T16S / R29E / SEC 17 / SWSW / 32.9162775 / -104.1045336

County or Parish/State: EDDY / NM

Well Number: 17

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM109644

Unit or CA Name: WEST HIGH LONESOME UNIT

Unit or CA Number: NMNM106832X

US Well Number: 3001525363

Operator: BEACH EXPLORATION INCORPORATED

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: BRENDA MARTIN

Signed on: MAR 20, 2024 01:13 PM

Name: BEACH EXPLORATION INCORPORATED

Title: Regulatory Production Analyst

Street Address: 800 N MARIENFELD SUITE 200

City: MIDLANDState: TX

Phone: (432) 664-2955

Email address: BMARTIN@BEACHEXP.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Accepted

Disposition Date: 05/16/2024

Signature: Jonathon Shepard

**Well Name:** WHLPSU  
**Well Number:** 17  
**County or Parish/State:** EDDY / NM  
**Lease Number:** NMNM109644  
**Operator:** BEACH EXPLORATION INCORPORATED  
**Well Location:** T16S / R29E / SEC 17 / SWSW / 32.9162775 / -104.1045336  
**US Well Number:** 3001525363  
**Unit or CA Name:** WEST HIGH LONESOME UNIT  
**Type of Well:** OIL WELL **Allottee or Tribe Name:**  
**Unit or CA Number:** NMNM106832X

## PROPOSED WORKOVER

- 1/22/24 No flow. Well static. Unflanged wellhead. POOH w/52 jts tbg and packer. RIH with 5 ½" RBP and set at 1600'. Pulled pkr to 93, set and csg tested good below 93'. RU to pump cmt down 5 ½" csg.
- 1/23/24 Pumped 20 sx class C cmt (4.7 bbl) down 5 ½" csg and had circulation between 5 ½" csg and 8 5/8" csg. Cmt falling back after 10 min. Pumped another 2 bbls of cmt (8.5sx) and pressure increased to 550#. After 15 min. cmt was falling back and pumped another 1.5 bbls of cmt (6.4 sx). Waited 10 min and pressured to 500# and lost 150# in 18 min. Pumped another 1 bbl of cmt (4.3sx) and pressure increased to 650#. Shut down overnight to wait on cmt.
- 1/25/24 Drilled out good cmt from 2' and fell out at 12' w/4 ¾" bit. Tested csg and pressure bled off in 5 min. RIH to 63' and pumped 8 bbls of cmt (34sx). Waited and cmt was falling back slowly. Pumped another 2 bbls of cmt (8.5sx) and pressure slowly climbed to 600# and stayed firm. Shut down.
- 1/29/24 Drilled cmt w/ 4 ¾" bit. Hard cmt from 1' to 45' and stringers to 68'. Tested csg to 500# and held for 30 min with no bleed off.
- 1/30/24 Opened well and dead. RIH w/retrieving head and circulated sand off RBP. Released RBP and POOH. RIH w/injection string. 2 3/8" x 5 ½" AD-1 IPC packer , IPC SN and 52 jts Du0-10 lined tbg. Circulated 40 bbls of pkr fluid and set pkr w/13 pts of tension. FU wellhead. Pressured up to 500# between 2 3/8" tbg and 5 ½" csg and held with no bleed off for 35 min. Injection packer at 1634' w/perforations from 1729'-1750'.

8 5/8"  
@300'

TOC Surf

Calc TOC 40'  
yld 1.32 50% excYates  
@727'Queen  
@1479'Penrose  
@1726'5 1/2"  
@1815'

TD 1850'

Penrose Perfs  
1729' - 1750'**WHL #17 (Renee Federal #1)**GL: 3,642  
KB: 1,850  
PBD: 1,815Fr. Wtr:  
Legal: 330 from W  
660 from SSection: 17-M  
Township: 16S  
Range: 29E  
County: EddyStatus: Active Pumping  
Perfs: 1729' - 1750'API: 30-015-25363  
NM Lse: 029649  
Field: High Lonesome (Queen)

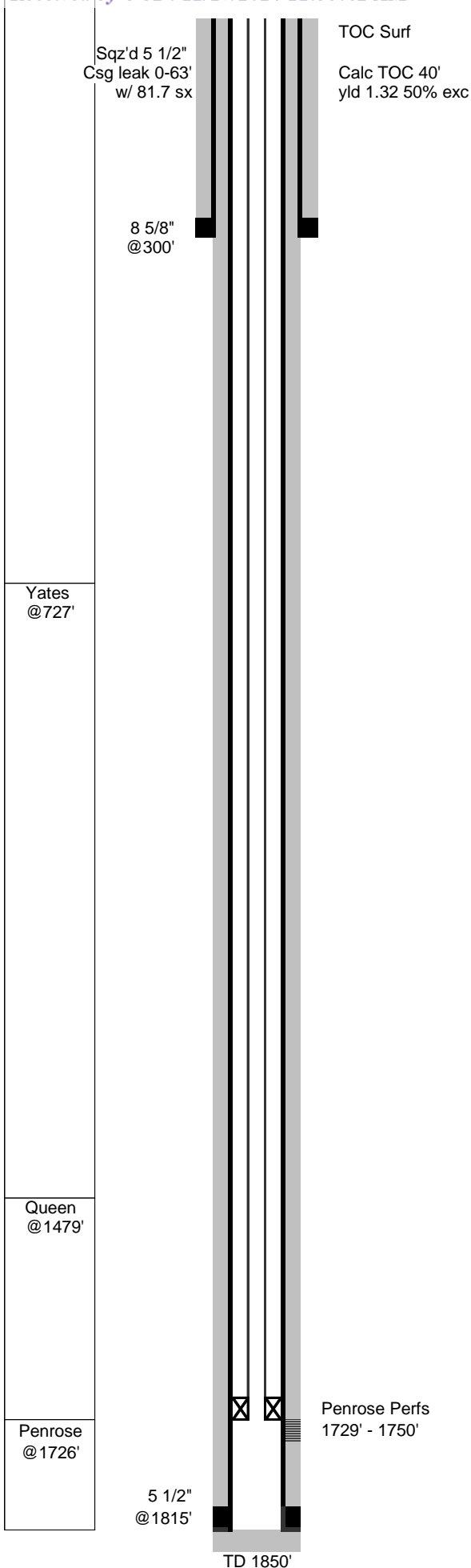
Logs:

Archeological:

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8 5/8"	24.00		300	200	12 1/4"	Surf	Circulated
5 1/2"	14.00		1,815	350	7 7/8"	40	Calc 50% exc

5-Sep-85 Spud well  
**McClellan Oil Corp. - Renee Federal #1****Penrose Completion**16-Sep-85 Perf (1729'-1750') 12 holes 0.4"  
acid w/1Mgal 10%, frac w/30Mgal gel wtr 26M# 20/40 + 24M# 12/20 sand  
IP flowing 32 BOPD 4 BWPD 55psi FTP 18/64" choke, gas TSTM  
1-Oct-94 Beach purchased well**Convert to Waterflood Injector**21-May-02 Pumped 250 gal xylene and flush to perfs w/17 BW  
24-May-02 Pulled & laid down rods, pump and tubing. RIH w/ 4-3/4" bit and 5-1/2" scraper  
to 1761'. POOH. RIH w/pkr to 1628. Pumped 300 gal 15% NEFE flushed w/7 BW  
ISIP vacuum.  
17-Jul-02 RIH w/5-1/2" AD-1 IPC pkr, IPC SN and 52 jts 2-3/8" J-55 Duo10 lined tubing.  
Pumped 38 bbl pkr fluid and set pkr w/26pts. Tst'd backside to 500#. Ok.  
25-Jan-05 Packer sheared - replaced pkr, circ 22 bbl pkr fluid, set w/16pts, Ran MIT. OK.**TUBING STRING 1/25/05**

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
	Distance from KB to top of pipe	1.00	0.00	1.00
2	2 3/8" 4.7# J-55 Duo-10 lined	1633.93	1.00	1634.93
1	2 3/8" PC SN	1.10	1634.93	1636.03
1	2 3/8"x4 1/2" PC AD-1 Ten Pkr	2.40	1636.03	1638.43

**WHL #17 (Renee Federal #1)**

GL: 3,642  
KB: 1,850  
PBD: 1,815

Status: Injector (SI)  
Perfs: 1729' - 1750'

Fr. Wtr:  
Legal: 330 from W  
660 from S

API: 30-015-25363  
NM Lse: 029649  
Field: High Lonesome (Queen)

Section: 17-M  
Township: 16S  
Range: 29E  
County: Eddy

Logs:

Archeological:

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
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1-Oct-94 Beach purchased well

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25-Jan-05 Packer sheared - replaced pkr, circ 22 bbl pkr fluid, set w/16pts, Ran MIT. OK.  
18-May-23 Failed Integrity test  
30-Jan-24 Found holes in 5 1/2" csf above 93'. Pumped a total of 39.2 sx cmt down 5 1/2" and circ out 8 5/8" and prssured to 650#. WOC. Drld hard cmt to 12' but csg did not test. RIH to 63' and pumped another 42.5 sx cmt and press climbed to 600#. WOC. Drld out w/ 4 3/4" bit hard cmt to 45' then stringers to 63'. Tested csg to 500# and held for 30 min w/ no bleed off. Retrieved RBP, ran injection string 2 3/8" x 5 1/2" IPC AD-1 pkr, IPC SN and 52 jts Duo-10 lined tbgr. Circ 40 bbl of pkr fluid, set pkr w/13 pts tension and tested csg-tbg annulus to 500# with no bleed off for 35 min. Inj pkr at 1634'. SI well waiting on test

**TUBING STRING 1/30/24**

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	Distance from KB to top of pipe	1.00	0.00	1.00
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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 394940

CONDITIONS

Operator: BEACH EXPLORATION INC 800 North Marienfeld Midland, TX 79701	OGRID: 1903
	Action Number: 394940
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	5/6/2025