

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



EDDY HUMBLE 4 STATE #1 SWD

Order: SWD-1345

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- [D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mike Pippin	<i>Mike Pippin</i>	Petroleum Engineer	December 4, 2012
Print or Type Name	Signature	Title	Date
		mike@pippinllc.com	
		e-mail Address	

LRE OPERATING, LLC
Mike Pippin
3104 N. Sullivan Avenue
Farmington, NM 87401
505-327-4573 (phone) mike@pippinllc.com

December 4, 2012

Terry G. Warnell
Engineer
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Injection Pressure Increase Request
Administrative Order SWD-1345
EDDY HUMBLE 4 STATE #1 SWD API#: 30-015-40553
Unit Letter "J" Section 4 T18S R28E
Eddy County, New Mexico

Dear Mr. Warnell:

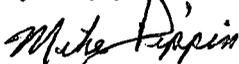
By administrative order SWD-1345, dated July 25, 2012, the NMOCD authorized water injection into Eddy Humble 4 State #1 SWD (API No. 30-015-40553) for the disposal of produced water. The order provides for a wellhead injection pressure of no more than 1341 psi. LRE Operating, LLC believes that this maximum pressure of 1341 psi is significantly below the formation frac pressure.

On 11/30/12, a step rate test was run to determine the actual formation frac pressure. The attached bottom hole pressure curve versus rate shows a change in slope at 4893 psi (1968 psi surface), which indicates that the formation frac pressure was exceeded at that point. Therefore, the actual formation frac pressure is 4893 psi at bottom hole and 1968 psi at the surface.

LRE Operating, LLC therefore requests that the maximum wellhead injection pressure be increased to at least 1968 psi. A summary of the step rate test data is attached along with other supporting data.

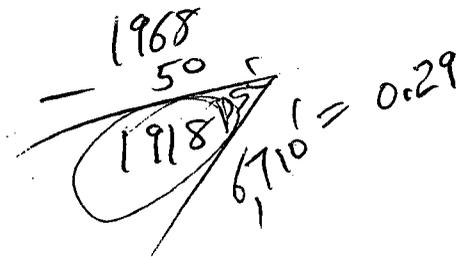
Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin P.E.
Petroleum Engineer

Enclosures



1968
50
1918
6710 = 0.29

EDDY HUMBLE 4 STATE #1 SWD

Current

Today's Date: 12/4/12
Mike Pippin

SWD, Abo/Wolfcamp/Cisco (97967)

(J) Section 4, T-18-S, R-28-E, Eddy County, NM

Spud: 8/23/12

Completed SWD: 11/2/12

API#: 30-015-40553

Yates @ 559'

7 Rivers @ 860'

Queen @ 1489'

San Andres @ 2342'

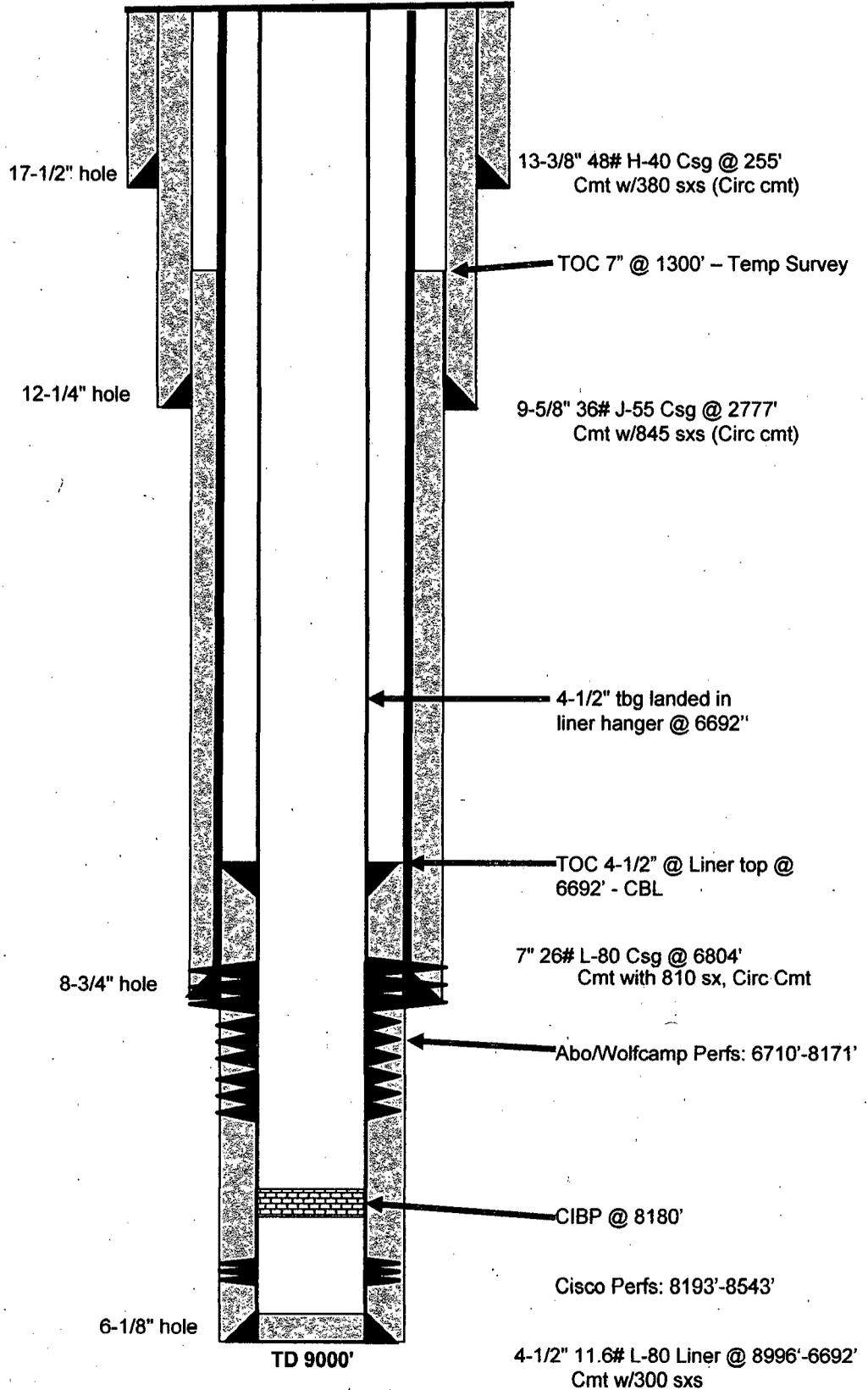
Glorieta @ 3979'

Yeso @ 4084'

Abo @ 5668'

Wolfcamp @ 6907'

Cisco @ 8155'



13-3/8" 48# H-40 Csg @ 255'
Cmt w/380 sxs (Circ cmt)

TOC 7" @ 1300' - Temp Survey

9-5/8" 36# J-55 Csg @ 2777'
Cmt w/845 sxs (Circ cmt)

4-1/2" tbg landed in
liner hanger @ 6692"

TOC 4-1/2" @ Liner top @
6692' - CBL

7" 26# L-80 Csg @ 6804'
Cmt with 810 sx, Circ Cmt

Abo/Wolfcamp Perfs: 6710'-8171'

CIBP @ 8180'

Cisco Perfs: 8193'-8543'

4-1/2" 11.6# L-80 Liner @ 8996'-6692'
Cmt w/300 sxs

Step Rate Test



Cardinal Surveys Company

November 30, 2012

Lime Rock Resources
Eddy Humble "4" SWD # 1

Eddy County, New Mexico
File # 21049
Tool # CSC101

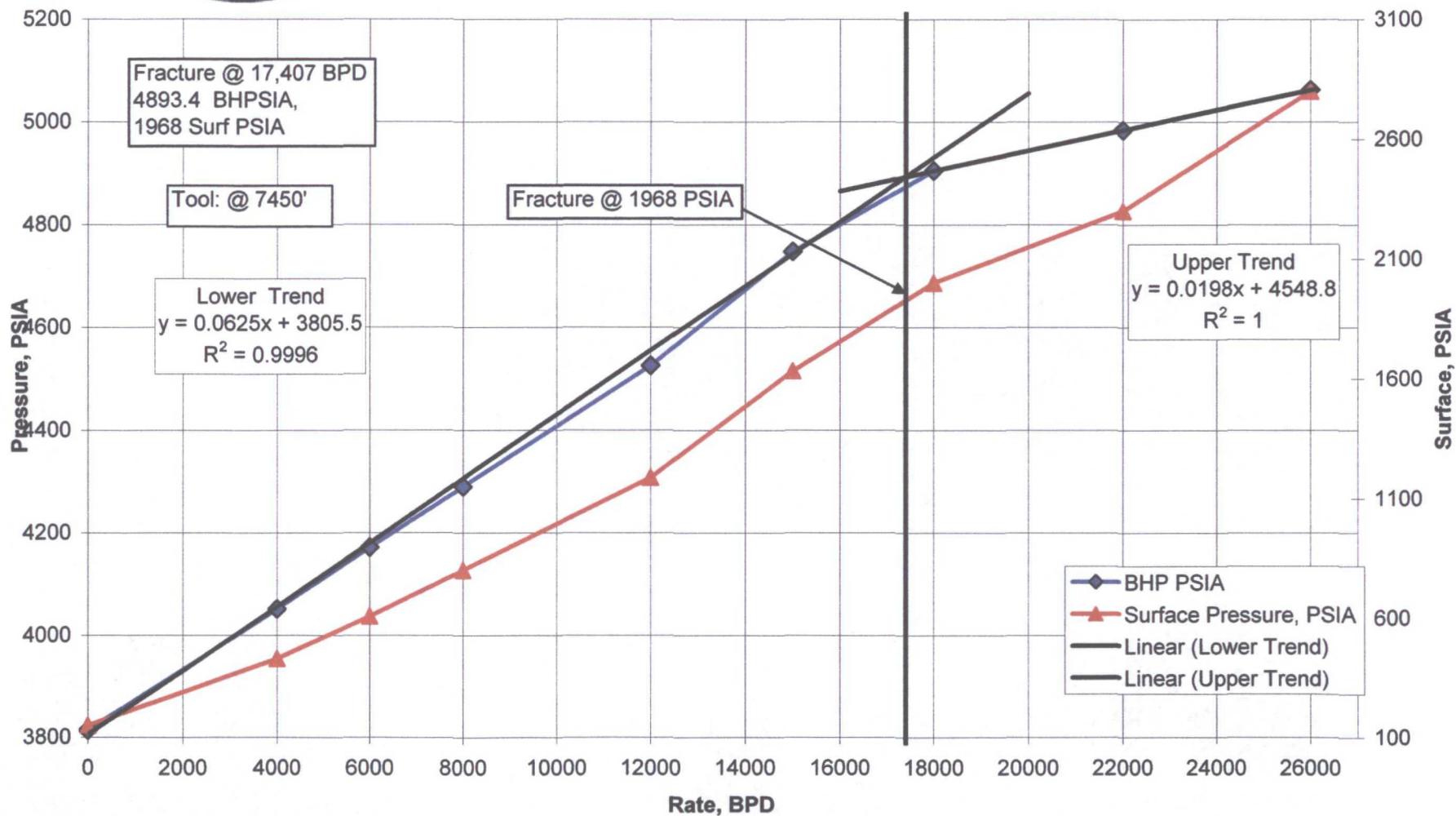
Fracture @ 17,407 BPD
4893.4 BHPSIA,
1968 Surf PSIA

Downhole PSI Tool Ser. No.
Surface PSI Gauge Ser. No.
Tool @ 7450'

Start Time	End Time	Rate BPD	Comments
1	11:31 AM 11:45 AM		0 On Bottom
2	11:45 AM 12:15 PM	4000	
3	12:15 PM 12:45 PM	2000	
4	12:45 PM 1:15 PM	2000	
5	1:15 PM 1:45 PM	4000	
6	1:45 PM 2:15 PM	3000	
7	2:15 PM 2:45 PM	3000	
8	2:45 PM 3:15 PM	4000	
9	3:15 PM 3:45 PM	4000	
10	3:45 PM 4:00 PM	-26000	Fall Off

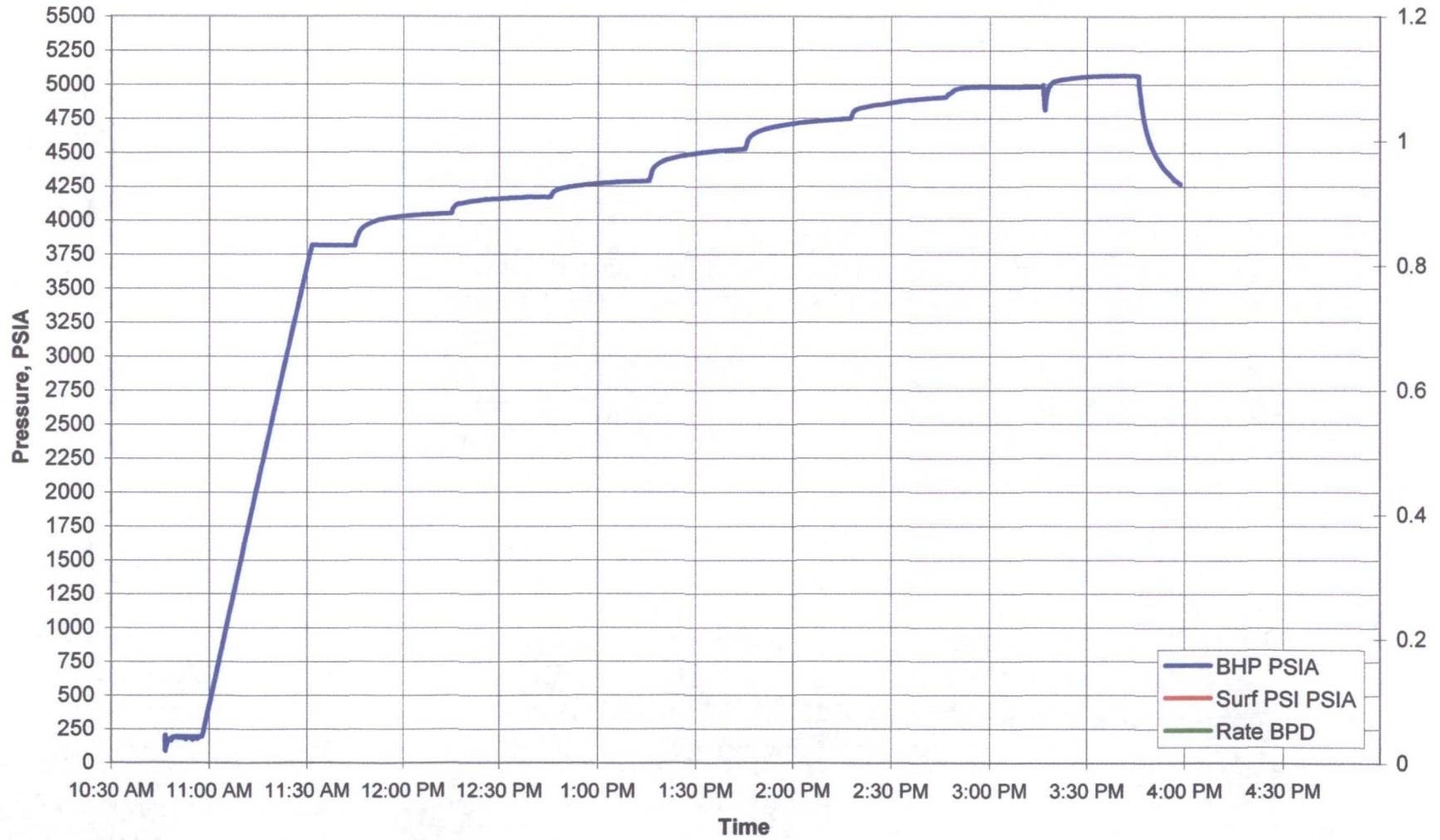


Lime Rock Resources Eddy Humble "4" SWD # 1 Step Rate Test 11-30-2012





Lime Rock Resources Eddy Humble "4" SWD # 1
Step Rate Test 11-30-2012



Step Rate Test

Lime Rock Resources
Eddy Humble "4" SWD # 1



Eddy County , New Mexico

	S Time	E Time	D Time Min	Last Rate BPD	Step BPD	B. H. Pressure PSIA	Surf PSIA	Cum BBL	Delta BBL	Avg. BPD	Lower Trend	Upper Trend
1	11:31 AM	11:45 AM	14	0	0	3813.9	150	0	0.00	0	3813.9	
2	11:45 AM	12:15 PM	30	4000	4000	4051.2	430	85	85.00	4080	4051.2	
3	12:15 PM	12:45 PM	30	6000	2000	4172	609	216	131.00	6288	4172	
4	12:45 PM	1:15 PM	30	8000	2000	4289.5	800	380	164.00	7872		
5	1:15 PM	1:45 PM	30	12000	4000	4526.1	1188	617	237.00	3504		
6	1:45 PM	2:15 PM	30	15000	3000	4748.2	1634	762	145.00	-4416	4748.2	
7	2:15 PM	2:45 PM	30	18000	3000	4904.8	2000	1305	543.00	26064		4904.8
8	2:45 PM	3:15 PM	30	22000	4000	4983.6	2300	1754	449.00	21552		4983.6
9	3:15 PM	3:45 PM	30	26000	4000	5063	2800	2279	525.00	25200		5063
10	3:45 PM	4:00 PM	15	0	-26000	4268.8	572	2279	0.00	0		

0.0625 3805.5
0.0198 4548.8

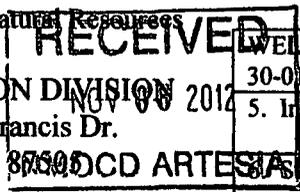
int point: 17407.494 BPD
4893.4684 Psia

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 June 19, 2008

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



WELL API NO. 30-015-40553
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.

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 type="checkbox"/> Other SWD-1345	7. Lease Name or Unit Agreement Name EDDY-HUMBLE 4 STATE
2. Name of Operator LRE OPERATING, LLC	8. Well Number #1 SWD
3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401	9. OGRID Number 281994
4. Well Location Unit Letter J : 2310 feet from the SOUTH line and 1650 feet from the EAST line Section 4 Township 18-S Range 28-E NMPM Eddy County	10. Pool name or Wildcat SWD, Abo/Wolfcamp/Cisco (97967)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3665' 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"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input 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"/>	OTHER: SWD COMPLETION <input checked="" 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

On 10/18/12, ran CBL, which indicated TOC @ 6692'. Perfed Cisco @ 8193'-8293', 8311'-65', 8381'-8503', 8505'-43' w/69-0.37" spf. Dump bailed acid onto perfs. Set 4-1/2" CIBP @ 8180'. Perfed Wolfcamp @ 7779'-7815' w/13 holes, 7818'-54' w/13 holes. 7857'-93' w/13 holes. 7914'-98' w/18 holes, 8004'-8114' w/21 holes, 8122'-71' w/17 holes. Total 95 holes. On 10/22/12, treated perfs w/4900 gal 15% HCL acid & 160 perf balls. Set 4-1/2" CBP @ 7634'. Perfed Wolfcamp @ 7324'-52' w/7 holes, 7358'-7405', w/8 holes, 7410'-45' w/8 holes, 7450'-85' w/8 holes, 7490'-7510' w/5 holes, 7520'-50' w/7 holes, 7571'-7607' w/10 holes. Total 53 holes. Dump bailed 14 gal 15% HCL acid @ 7550' & 7485'. On 10/24/12, treated perfs w/3500 gal acid & 90 perf balls. Set CBP @ 7300'. Perfed Abo/Wolfcamp @ 6805'-40' w/8 holes, 6845'-80' w/8 holes, 6885'-6920' w/8 holes, 6925'-60' w/8 holes, 6965'-7000' w/8 holes, 7010'-45', w/8 holes, 7050'-7220' w/19 holes, 7225'-60' w/7 holes. Total 74 holes. Set 4-1/2" pkr @ 6750' on 3-1/2" 9.3# L-30 workover string & treated perfs w/7000 gal 15% HCL acid. Spotted 300 gal 15% HCL across perfs. Set pkr @ 6735' & treated perfs w/3500 gal acid & 125 perf balls. TOH w/tbg & pkr. On 10/29/12, perfed Abo @ 6710'-30' w/6 holes, 6734'-50' w/5 holes, 6754'-74' w/6 holes, & 6778'-94' w/5 holes. Total 22 holes. Drilled out CBPs @ 7300' & 7634'. CO to CIBP @ 8180'. On 11/1/12, ran seal assembly on 4-1/2" 11.6# L-80 duolined csg to 4-1/2" liner top @ 6692'. Circ 125 bbls pkr fluid into annulus. Landed seal assembly in liner hanger & PT annulus to 500 psi for 35 min-OK. Ran MIT test on 11/1/12. Released rig on 11/2/12. Initiated SWD on 11/3/12 as per order SWD-1345.

Spud Date: **8/23/12** Drilling Rig Release Date: **10/5/12**

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

SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE 11/5/12

Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573

For State Use Only

APPROVED BY: Ruthann Inas TITLE Compliance Officer DATE 11/8/12
 Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 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-105 July 17, 2008
	1. WELL API NO. 30-015-40553	
	2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17 13.K NMAC)	5. Lease Name or Unit Agreement Name EDDY HUMBLE 4 STATE 6. Well Number: #1 SWD
---	---

RECEIVED
 NOV 06 2012
 NMOCD ARTESIA

7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OTHER SWD	9. OGRID: 281994
8. Name of Operator: LRE OPERATING, LLC	
10. Address of Operator: c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401	
11. Pool name or Wildcat: SWD, Abo/Wolfcamp/Cisco (97967)	

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	4	18-S	28-E		2310	South	1650	East	Eddy
BH:										

13. Date Spudded 8/23/12	14. Date T.D Reached 9/28/12	15. Date Drilling Rig Released 10/5/12	16. Date Completed (Ready to Produce) 11/2/12	17. Elevations (DF and RKB, RT, GR, etc.): 3665' GR
18. Total Measured Depth of Well 9000'	19. Plug Back Measured Depth CIBP @ 8180'	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run Induction, Density/Neutron	

22. Producing Interval(s), of this completion - Top, Bottom, Name
 6710'-8171'-SWD, Abo/Wolfcamp/Cisco **SWD-1345**

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48# H-40	255'	17-1/2"	380 sx C	0'
9-5/8"	36# J-55	2777'	12-1/4"	845 sx CI C	0'
7"	26# L-80	6,804'	8-3/4"	810 sx H	0'
4-1/2"	11.6# L-80	6692'-8996'	6-1/8"	300 sx "H"	0'

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	6692'	8996'	300		4-1/2"	6692'	

26. Perforation record (interval, size, and number) 6710'-6794', 22 holes 6805'-7260', 74 holes 7324'-7607, 53 holes 7779'-8171', 95 holes 8193'-8543', 69 holes, (Below CIBP @ 8180')	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6710'-6794'	No Treatment
	6805'-7260'	10,800 gal 15% HCL
	7324'-7607'	3500 gal acid
7779'-8171'	4900 gal 15% HCL	
8193'-8543'	Dump ~56 gal 15% HCL (Below CIBP @ 8180')	

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
Start SWD on 11/3/12		Shut in for MIT test
Date of Test	Hours Tested	Choke Size
	5 hrs	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Prod'n For Test Period:	Oil - Bbl	Gas - MCF
Water - Bbl.	Gas - Oil Ratio	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
 SWD-1345

30. Test Witnessed By:
 Jerry Smith

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude _____ Longitude _____ NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature: *Mike Pippin* Printed Name: Mike Pippin Title: Petroleum Engineer Date: 11/5/12

E-mail Address: mike@pippinllc.com

JPW

INSTRUCTIONS

EDDY HUMBLE 4 STATE #1 – Drilled new SWD

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 559'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 860'	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1489'	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2342'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3979'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Yeso 4084'	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo 5668'	T. Bell Canyon	T. Entrada	
T. Wolfcamp 6907	T. Cherry Canyon	T. Wingate	
T. Penn	T. Brushy Canyon	T. Chinle	
T. Cisco 8155'	T. Morrow Clastics	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology
			- On File -					

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
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 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 June 19, 2008

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

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. 30-015-40553
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>SWD-1345</u>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator LRE OPERATING, LLC		6. State Oil & Gas Lease No.
3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401		7. Lease Name or Unit Agreement Name EDDY-HUMBLE 4 STATE
4. Well Location Unit Letter <u>J</u> : <u>2310</u> feet from the <u>SOUTH</u> line and <u>1650</u> feet from the <u>EAST</u> line Section <u>4</u> Township <u>18-S</u> Range <u>28-E</u> NMPM <u>Eddy</u> County		8. Well Number <u>#1 SWD</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3665' GL</u>		9. OGRID Number <u>281994</u>
10. Pool name or Wildcat SWD, Abo/Wolfcamp/Cisco (97967)		

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

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ALTERING CASING
 COMMENCE DRILLING OPNS. P AND A
 CASING/CEMENT JOB

OTHER:

OTHER: Added Perfs & Acidized

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

On 11/13/12, perfed 7567'-7687' w/11 holes, 7690'-7714' w/9 holes, & 7740'-7776' w/13 holes. Treated all perfs w/21,588 gal 15% HCL acid. On 11/15/12, released all rental equipment & contractors.

Spud Date: 8/23/12

Drilling Rig Release Date: 10/5/12

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

SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE 11/19/12

Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573
 For State Use Only

APPROVED BY: [Signature] TITLE District Supervisor DATE 11/21/2012
 Conditions of Approval (if any):

