

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

Form C-103
Revised July 18, 2013

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

WELL API NO.

30-015-38260

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Harkey 35 State

8. Well Number

2H

9. OGRID Number

25575

10. Pool name or Wildcat

Willow Lake; Bone Spring, West

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 ☒ Gas Well ☐ Other

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 South 4th Street

4. Well Location

Unit Letter A : 760 feet from the North line and 330 feet from the East line
Section 35 Township 24S Range 27E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3163'

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.

Yates Petroleum Corporation would like to change the target zone from Bone Spring to 2nd Bone Spring, the new TD will be 12,278 and the new TVD will be 7,741. Included is a new horizontal drilling diagram.

964157

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 19 2014

Spud Date:

Rig Release Date:

RECEIVED

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

SIGNATURE Ysenia Navarrette TITLE Regulatory Land Technician DATE 11/18/14

Type or print name Ysenia Navarrette E-mail address: ynavarrette@yatespetroleum.com PHONE: 575-748-4224

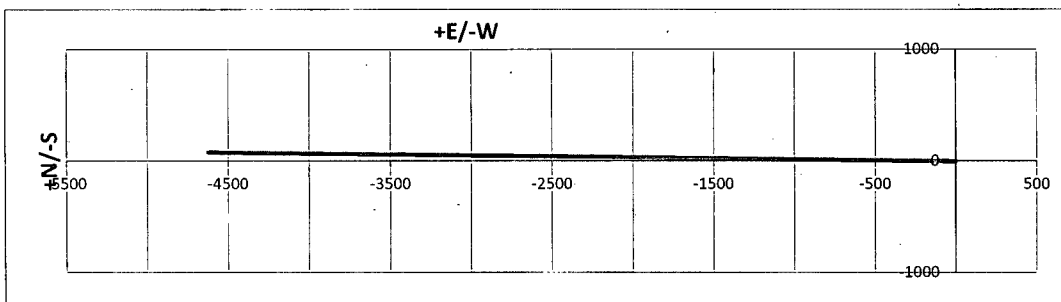
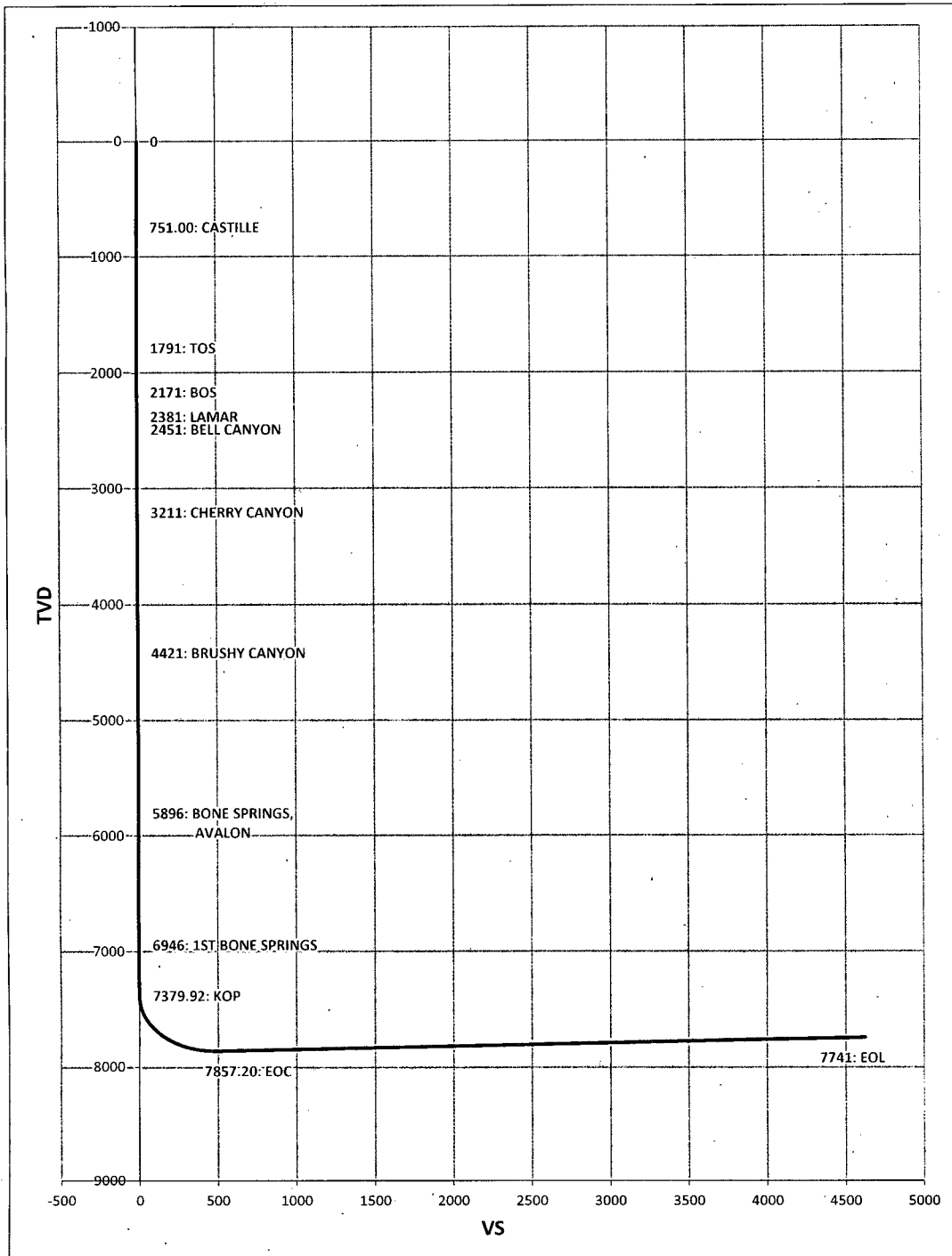
For State Use Only

APPROVED BY: J. C. Shepard TITLE Geologist DATE 11/20/2014
Conditions of Approval (if any):

Well Name: Harkey 35 State #2H		Tgt N/-S: 81.19	
Surface Location: Section 35 , Township 24S Range 27E		Tgt E/-W: -4624.79	EOC TVD/MD: 7857.20 / 8143.34
Bottom Hole Location: Section 35 , Township 24S Range 27E		VS: 4625.51	
		VS Az: 271.01	EOL TVD/MD: 7741.00 / 12277.97

MD	Inc.	Azi.	TVD	+N/-S	+E/-W	VS	DLS	Comments
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
751.00	0.00	0.00	751.00	0.00	0.00	0.00	0.00	CASTILLE
1791.00	0.00	0.00	1791.00	0.00	0.00	0.00	0.00	TOS
2171.00	0.00	0.00	2171.00	0.00	0.00	0.00	0.00	BOS
2381.00	0.00	0.00	2381.00	0.00	0.00	0.00	0.00	LAMAR
2451.00	0.00	0.00	2451.00	0.00	0.00	0.00	0.00	BELL CANYON
3211.00	0.00	0.00	3211.00	0.00	0.00	0.00	0.00	CHERRY CANYON
4421.00	0.00	0.00	4421.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
5896.00	0.00	0.00	5896.00	0.00	0.00	0.00	0.00	BONE SPRINGS
5896.00	0.00	0.00	5896.00	0.00	0.00	0.00	0.00	AVALON
6946.00	0.00	0.00	6946.00	0.00	0.00	0.00	0.00	1ST BONE SPRINGS
7379.93	0.00	0.00	7379.93	0.00	0.00	0.00	0.00	KOP
7400.00	2.41	271.01	7399.99	0.01	-0.42	0.42	12.00	
7425.00	5.41	271.01	7424.93	0.04	-2.13	2.13	12.00	
7450.00	8.41	271.01	7449.75	0.09	-5.13	5.13	12.00	
7475.00	11.41	271.01	7474.37	0.17	-9.43	9.43	12.00	
7500.00	14.41	271.01	7498.74	0.26	-15.02	15.02	12.00	
7525.00	17.41	271.01	7522.78	0.38	-21.87	21.87	12.00	
7550.00	20.41	271.01	7546.43	0.53	-29.97	29.97	12.00	
7575.00	23.41	271.01	7569.62	0.69	-39.29	39.30	12.00	
7600.00	26.41	271.01	7592.29	0.87	-49.82	49.83	12.00	
7625.00	29.41	271.01	7614.38	1.08	-61.52	61.53	12.00	
7650.00	32.41	271.01	7635.83	1.31	-74.36	74.37	12.00	
7675.00	35.41	271.01	7656.57	1.55	-88.30	88.31	12.00	
7700.00	38.41	271.01	7676.56	1.81	-103.31	103.32	12.00	
7725.00	41.41	271.01	7695.74	2.10	-119.34	119.36	12.00	
7750.00	44.41	271.01	7714.04	2.39	-136.36	136.38	12.00	
7752.74	44.73	271.01	7716.00	2.43	-138.27	138.29	12.00	2ND BONE SPRINGS
7775.00	47.41	271.01	7731.44	2.71	-154.31	154.33	12.00	
7800.00	50.41	271.01	7747.87	3.04	-173.15	173.17	12.00	
7825.00	53.41	271.01	7763.29	3.38	-192.82	192.85	12.00	
7850.00	56.41	271.01	7777.66	3.74	-213.27	213.30	12.00	
7875.00	59.41	271.01	7790.94	4.12	-234.44	234.48	12.00	
7900.00	62.41	271.01	7803.09	4.50	-256.28	256.32	12.00	
7925.00	65.41	271.01	7814.09	4.89	-278.73	278.77	12.00	
7950.00	68.41	271.01	7823.89	5.30	-301.72	301.77	12.00	
7975.00	71.41	271.01	7832.48	5.71	-325.19	325.24	12.00	
8000.00	74.41	271.01	7839.82	6.13	-349.08	349.13	12.00	
8025.00	77.41	271.01	7845.91	6.55	-373.32	373.38	12.00	
8050.00	80.41	271.01	7850.72	6.98	-397.85	397.91	12.00	
8075.00	83.41	271.01	7854.24	7.42	-422.59	422.66	12.00	
8100.00	86.41	271.01	7856.45	7.86	-447.49	447.56	12.00	
8125.00	89.41	271.01	7857.37	8.29	-472.46	472.54	12.00	
8143.34	91.61	271.01	7857.20	8.62	-490.80	490.88	12.00	2ND BONE SPRINGS TARGET
12277.97	91.61	271.01	7741.00	81.19	-4624.79	4625.51	0.00	EOL

Harkey 35 State #2H



DISTRICT NM OIL CONSERVATION

1825 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88200

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 DepartmentForm C-102
Revised October 15, 2009Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38260	Pool Code 96415	Pool Name Willow Lake; Bone Spring, West
Property Code 3002139	Property Name HARKEY "35" STATE	Well Number 2H
GRID No. 025575	Operator Name YATES PETROLEUM CORP.	Elevation 3163'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	35	24 S	27 E		760	NORTH	330	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	24 S	27 E		660	NORTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160.00			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Ysenia Navarrette</u> Date: <u>11/18/14</u> Printed Name: <u>Ysenia Navarrette</u>
PROPOSED BOTTOM HOLE LOCATION Lat - N 32°10'44.42" Long - W 104°10'07.55" NMSPCE- N 428890.616 E 592254.821 (NAD-83)	SURFACE LOCATION Lat - N 32°10'43.54" Long - W 104°09'13.73" NMSPCE- N 428809.430 E 596879.615 (NAD-83)	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date Surveyed: <u>11/18/14</u> Signature & Seal of Professional Surveyor: <u>[Signature]</u> Certificate No. Gary L. Jones 7977 BASIN SURVEYS

Producing Area Project Area Penetration Point:
751' ENL & 821' FEL