

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Bravos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT  
(As-Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45629	Pool Code 50371	Pool Name Pierce Crossing Bone Spring
Property Code 323065	Property Name WIDTH CC "6_7" FEDERAL COM	Well Number 17H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2958.8'

Surface Location

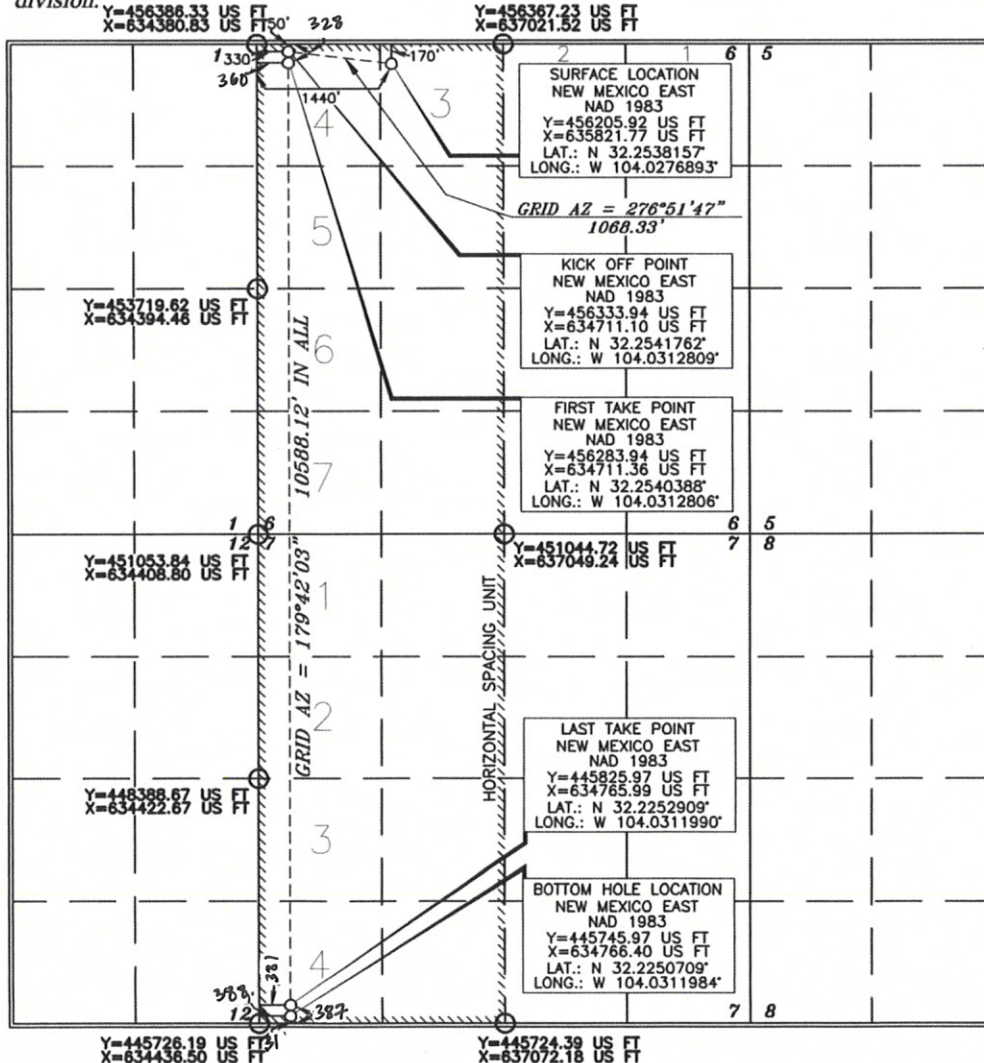
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	6	24 SOUTH	29 EAST, N.M.P.M.		170'	NORTH	1440'	WEST	EDDY

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
4	7	24 SOUTH	29 EAST, N.M.P.M.		-20' <sub>31</sub>	SOUTH	-330' <sub>388</sub>	WEST	EDDY

Dedicated Acres 640	Joint or Infill	Consolidation Code	Order No.	F1P- 328 FNL 360 FWL LTP- 387 FSL 381 FWL
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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: *Jana Mendiola* Date: 3/16/20  
Printed Name: Jana Mendiola  
E-mail Address: janalyn\_mendiola@oxy.com

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 of Survey: FEBRUARY 28, 2019  
Signature and Seal of Professional Surveyor: *Terry J. Asberry*

Certificate Number: *Terry J. Asberry* 4/5/2019  
15079

Intent  As Drilled

API # 30-015-45629	Operator Name: OXY USA Inc.	Property Name: Width CC 6-7 Federal Com	Well Number 17H
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Kick Off Point (KOP)

UL D	Section 6	Township 24S	Range 29E	Lot	Feet 48	From N/S N	Feet 544	From E/W W	County Eddy
Latitude 32.25416				Longitude -104.03059				NAD NAD83	

First Take Point (FTP)

UL D	Section 6	Township 24S	Range 29E	Lot	Feet 328	From N/S N	Feet 360	From E/W W	County Eddy
Latitude 32.25339				Longitude -104.03118				NAD NAD83	

Last Take Point (LTP)

UL M	Section 7	Township 24S	Range 29E	Lot	Feet 387	From N/S S	Feet 381	From E/W W	County Eddy
Latitude 32.22605				Longitude -104.03121				NAD NAD83	

Is this well the defining well for the Horizontal Spacing Unit?

Is this well an infill well?

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #	Operator Name:	Property Name:	Well Number

Oilfield Services, Central U.S. Land  
**Schlumberger Drilling and Measurements**  
Drilling Group  
Geo Market Area: South West Texas Basin  
7220 W I-H 20  
Midland, Texas 79706  
Phone : (432) 742-5400 (Main)  
Fax : (432) 742-5606 (Shared)

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January 12, 2020

Oxy USA Incorporated  
5 Greenway Plaza, Suite 110  
Houston, TX 77046-0521

Re:

S6, T24S, R29E Eddy, NM  
N 32.2538157 W -104.0276893

CLIENT: Oxy USA Incorporated  
WELL: Width CC 6 7 Fed Com 17H  
FIELD: Pierce Crossing-Bone Spring

RIG: H&P 656  
COUNTY: Eddy  
API NO: 30-015-45629  
JOB NO: 20MLH0246

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).  
Other information required by your office is as follows.

<u>Name &amp; Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Kyle Bolyard FE	Width CC 6 7 Fed Com 17H Original Hole	540.00 Ft 18001.00 Ft	December 17, 2019 to December 26, 2019	SlimPulse

**Schlumberger Drilling and Measurements**

Drilling Group

Geo Market Area: South West Texas Basin

7220 W I-H 20

Midland, Texas 79706

Phone : (432) 742-5400 (Main)

Fax : (432) 742-5606 (Shared)



**Well Reference:**

S6, T24S, R29E Eddy, NM

N 32.2538157 W -104.0276893

I, Kyle Bolyard certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of December 17, 2019 through December 26, 2019, conduct or supervise the taking of the SlimPulse surveys from a depth of 540.00 feet to a depth of 18001.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Oxy USA Incorporated for the Width CC 6 7 Fed Com 17H Well (Original Hole) API No. 30-015-45629 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By  
Kyle Bolyard  
FE

Subscribed and Sworn to before me this 17 day of January (month) 2020 (yr)

My Commission expires:

6/14/23

\_\_\_\_\_  
(signature)

Notary Public

Comanche Oklahoma  
\_\_\_\_\_  
(County State)





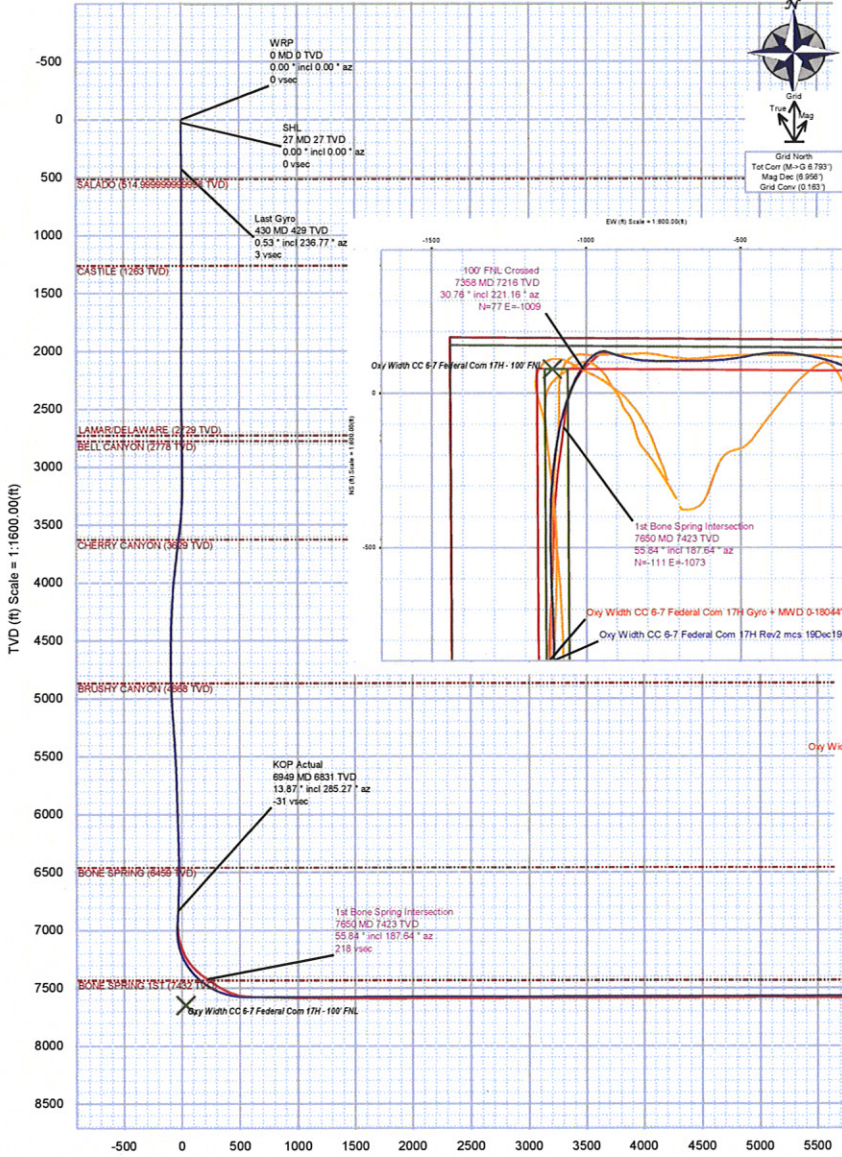
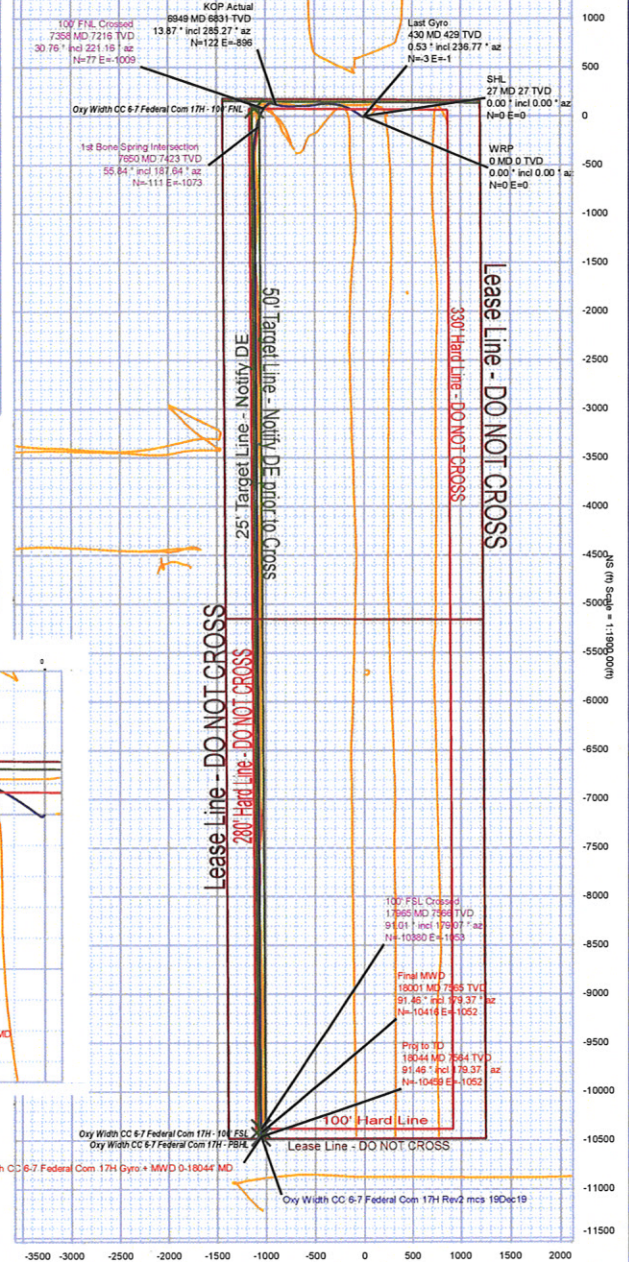
OXY



<b>Borehole:</b> Original Borehole	<b>Well:</b> Oxy Width CC 6-7 Federal Com 17H	<b>Field:</b> NM Eddy County (NAD 83)	<b>Structure:</b> Oxy Width CC 6-7 Federal Com 17H
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<b>Gravity &amp; Magnetic Parameters</b>			<b>Surface Location</b> NAD83 New Mexico State Plane, Eastern Zone, US Feet				<b>Miscellaneous</b>		
Model: IFR1	Dip: 59.976°	Date: 15-Dec-2019	Lat: N 32 15 13.74	Northing: 456205.927US	Grid Conv: 0.1631*	Slot: Oxy Width CC 6-7 Federal Com 17H	TVD Ref: RKB(2885.3ft above MSL)	Plan: Oxy Width CC 6-7 Federal Com 17H Gyro + MWD 0-18044' MD	
MagDec: 6.956°	FS: 47856.2nT	Gravity FS: 998.472mgN (8.90565 Based)	Lon: W 104 1 39.68	Easting: 635821.777US	Scale Fact: 0.99991932				

Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00
Last Gyro	429.50	0.53	236.77	429.48	2.80	-2.73	-0.81	0.86
KOP Actual	6949.00	13.87	285.27	6830.73	-31.07	121.62	-895.66	0.80
100' FNL Crossed	7358.00	30.76	221.16	7215.54	24.39	77.30	-1008.88	12.27
1st Bone Spring Intersection	7650.47	55.84	187.64	7423.30	217.81	-110.60	-1073.32	0.00
100' FSL Crossed	17965.00	91.01	179.07	7566.01	10433.56	-10380.33	-1052.57	1.49
Final MWD	18001.00	91.46	179.37	7565.23	10469.32	-10416.32	-1052.08	1.49
Proj to TD	18044.00	91.46	179.37	7564.14	10512.04	-10459.30	-1051.61	0.00



Vertical Section (ft) Azim = 185.76° Scale = 1:1600.00(ft) Origin = 0N/-S, 0E/-W





Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	15832.00	92.02	182.58	7569.67	8313.19	-8247.82	-1066.23	2.72	447958.78	634755.63	N 32 13 52.15 W 104 1 52.37	
	15927.00	89.78	181.88	7568.18	8408.00	-8342.73	-1069.92	2.47	447863.88	634751.94	N 32 13 51.21 W 104 1 52.41	
	16022.00	89.92	180.26	7568.43	8502.67	-8437.71	-1071.70	1.71	447768.91	634750.16	N 32 13 50.27 W 104 1 52.44	
	16212.00	89.81	178.32	7568.88	8691.45	-8627.68	-1069.34	1.02	447578.95	634752.52	N 32 13 48.39 W 104 1 52.42	
	16307.00	89.92	180.68	7569.10	8785.88	-8722.67	-1068.51	2.49	447483.97	634753.35	N 32 13 47.45 W 104 1 52.41	
	16496.00	87.85	178.92	7572.78	8973.80	-8911.62	-1067.85	1.44	447295.04	634754.00	N 32 13 45.59 W 104 1 52.41	
	16591.00	89.64	180.25	7574.86	9068.22	-9006.59	-1067.17	2.35	447200.08	634754.69	N 32 13 44.65 W 104 1 52.40	
	16686.00	90.19	180.88	7575.00	9162.83	-9101.58	-1068.10	0.88	447105.09	634753.75	N 32 13 43.71 W 104 1 52.42	
	16876.00	89.88	179.96	7574.89	9352.00	-9291.57	-1069.50	0.51	446915.11	634752.36	N 32 13 41.83 W 104 1 52.44	
	16971.00	90.16	180.45	7574.85	9446.56	-9386.57	-1069.84	0.59	446820.12	634752.02	N 32 13 40.89 W 104 1 52.45	
	17161.00	90.33	179.59	7574.04	9635.60	-9576.57	-1069.90	0.46	446630.14	634751.96	N 32 13 39.01 W 104 1 52.45	
	17351.00	90.67	178.63	7572.38	9824.31	-9766.54	-1066.95	0.54	446440.19	634754.91	N 32 13 37.13 W 104 1 52.43	
	17541.00	90.40	178.67	7570.61	10012.84	-9956.47	-1062.48	0.14	446250.27	634759.38	N 32 13 35.25 W 104 1 52.38	
	17731.00	90.78	178.58	7568.65	10201.36	-10146.41	-1057.92	0.21	446060.35	634763.94	N 32 13 33.37 W 104 1 52.33	
	17921.00	90.47	178.71	7566.58	10389.88	-10336.35	-1053.42	0.18	445870.43	634768.43	N 32 13 31.49 W 104 1 52.29	
100' FSL Crossed	17965.00	91.01	179.07	7566.01	10433.56	-10380.33	-1052.57	1.49	445826.45	634769.28	N 32 13 31.05 W 104 1 52.28	
Final MWD	18001.00	91.46	179.37	7565.23	10469.32	-10416.32	-1052.08	1.49	445790.46	634769.77	N 32 13 30.70 W 104 1 52.27	
Proj to TD	18044.00	91.46	179.37	7564.14	10512.04	-10459.30	-1051.61	0.00	445747.48	634770.25	N 32 13 30.27 W 104 1 52.27	

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 \*\*\* 3-D 95.000% Confidence 2.7955 sigma  
 Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	1/98.425	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Width CC 6-7 Federal Com 17H Gyro + MWD 0-18044' MD
	1	26.500	26.500	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Width CC 6-7 Federal Com 17H Gyro + MWD 0-18044' MD
	1	26.500	429.500	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Original Borehole / Oxy Width CC 6-7 Federal Com 17H Gyro +
	1	429.500	540.000	Act Stns	26.400	26.400	B007Mb_MWD+IGRF+AX	Original Borehole / Oxy Width CC 6-7 Federal Com 17H Gyro +
	1	540.000	722.000	Act Stns	26.400	26.400	A027Ua_INC-ONLY	Original Borehole / Oxy Width CC 6-7 Federal Com 17H Gyro +
	1	722.000	7021.000	Act Stns	26.400	26.400	B002Mb_MWD+HRGM+AX	Original Borehole / Oxy Width CC 6-7 Federal Com 17H Gyro +
	1	7021.000	18044.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Width CC 6-7 Federal Com 17H Gyro + MWD 0-18044' MD

...Original Borehole\Oxy Width CC 6-7 Federal Com 17H Gyro + MWD 0-18044' MD