Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 31 2013
NMOCD ARTESIA

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM048344

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM128925X

2. Name of Operator: OXY USA WTP LP
Contact: JENNIFER A DUARTE
E-Mail: jennifer_duarte@oxy.com

8. Lease Name and Well No. ARTESIA YESO FEDERAL UNIT 21

3. Address: HOUSTON, TX 77210
3a. Phone No. (include area code): Ph: 713-513-6640

9. API Well No. 30-015-41333-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SESW 553FNL 1207FEL
At top prod interval reported below SESW 553FNL 1207FEL
At total depth SESW 553FNL 1207FEL

10. Field and Pool, or Exploratory ARTESIA

11. Sec., T., R., M., or Block and Survey or Area Sec 21 T17S R28E Mer NMP

12. County or Parish EDDY
13. State NM

14. Date Spudded 08/26/2013
15. Date T.D. Reached 09/02/2013
16. Date Completed ☐ D & A ☒ Ready to Prod. 10/07/2013
17. Elevations (DF, KB, RT, GL)* 3594 GL

18. Total Depth: MD 4902 TVD 4902
19. Plug Back T.D.: MD 4861 TVD 4861
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3594 GL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11.000	8.625 J55	24.0	0	436		370		0	
7.875	5.500 L80	17.0	0	4902		760		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4724							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	3506	4767	3506 TO 4767	0.430	184	PRODUCING - yeso
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3506 TO 4766	FLUID - 82,623 GALS WATER FRAC G-R (LINEAR GEL); 398,991 GALS DELTA FRAC 140 - R (CROSSLINKED GEL);

RECLAMATION
DUE 4-7-14

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/17/2013	10/20/2013	24	→	170.0	61.0	878.0	39.0		ELECTRIC PUMPING UNIT

Choke Size	Tbg. Press. Flwg. SI 252	Csg. Press. 100.0	24 Hr. Rate →	Oil BBL 170	Gas MCF 61	Water BBL 878	Gas:Oil Ratio 359	Well Status POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

ACCEPTED FOR RECORD
OCT 26 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #224172 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

9

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GLORIETA	3389			GLORIETA	3389
PADDOCK	3464			PADDOCK	3464
BLINEBRY	3886			BLINEBRY	3886

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #224172 Verified by the BLM Well Information System.
For OXY USA WTP LP, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 10/25/2013 (14DMH0149SE)

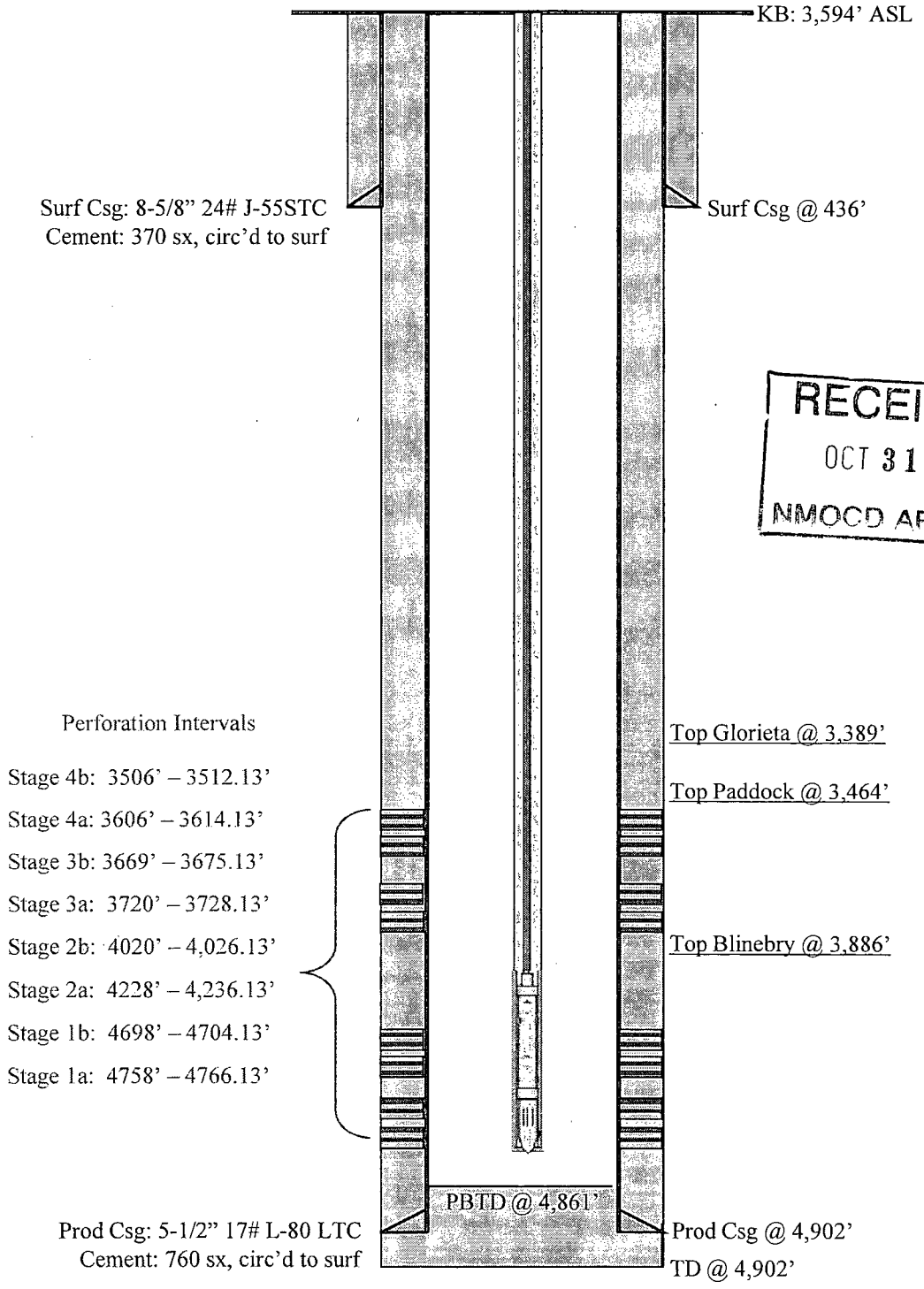
Name *(please print)* JENNIFER A DUARTE Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 10/23/2013

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Occidental Oil & Gas Corp – Permian Primary – North NM/Terrell RMT			
Well: AYFU #21		**API: 30-015-41333**	
State: New Mexico	County: Eddy	T17S R28E, Sec 21	553' FNL & 1207' FEL
Field: Artesia	TD: 4,902'	PBTD: 4,861'	KB: 3,594' ASL
Casing Size:	Grade/Weight:	Depth:	Cement:
8-5/8"	J-55 STC / 24#	436'	370sx, circ'd to surf
5-1/2"	L-80 BTC / 17#	4,902'	760 sx, circ'd to surf



Drilling Services, Central U.S. Land

Reservoir Development
Drilling & Measurements (Extreme Engineering)
6724 Corporation Pkwy Suite 100
Fort Worth, TX 76126
Phone: (817) 717-1820
Fax: (817) 546-7551

Schlumberger

September 18, 2013

Occidental Permian Ltd
5 Greenway Plaza Suite 110
Houston, Texas77046

Attention: Anthony Tschacher

Re:

CLIENT:	OXY
WELL:	Artesia YesoFed Unit #21
FIELD:	Glorieta
RIG:	Savanna 415
COUNTY:	Eddy
API NO:	30-015-41333
JOB NO:	NM-OXY-0083

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

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
Troy Miller FST-2	Artesia YesoFed Unit #21 Original Hole	240.00 Ft 4801.00 Ft	to	August 29, 2013 September 2, 2013	to	SlimPulse

A plat of the bottom hole location is oriented both to the surface location and to the lease lines (or until line in case of pooling), is attached to the survey report.

If any other information is required, please contact the undersigned at the above letterhead and phone number.
Sincerely,

Joey Stewart
Field Service Manager

CC: OXY
Enclosures: [2]
County of Eddy
State of New Mexico

Schlumberger

Reservoir Development
Drilling & Measurements (Extreme Engineering)
6724 Corporation Pkwy Suite 100
Fort Worth, TX 76126
Phone: (817) 717-1820
Fax: (817) 546-7551

I, Troy Miller certify that; I am employed by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation; that I did on the day(s) of August 29, 2013 through September 02, 2013, conduct or supervise the taking of the SlimPulse surveys from a depth of 240.00 feet to a depth of 4801.00 feet; 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 for the Artesia YesoFed Unit #21 Well (Original Hole) API No. 30-015-41333 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.

Troy Miller
FST-2

Before me, Esperanza A Muñoz, on this day personally appeared Troy Dane Miller, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 19th day of September (year) 2013.

Esperanza A Muñoz
Notary Public

OFFICIAL SEAL
ESPERANZA A MUNOZ
NOTARY PUBLIC - STATE OF NEW MEXICO

My Commission Expires: July 12, 2017

Artesia Yeso Fed Unit #21 MWD 0' to 4801' Survey Report

(Non-Def Survey)

Report Date:	September 02, 2013 - 07:22 PM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	OXY	**Vertical Section Azimuth:**	0.000 ° (Grid North)
Field:	NM, Eddy (NAD83 EZ) 2012	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	OXY (Artesia Yeso Fed Unit #21) Savanna 415 / Artesia Yeso Fed Unit #21	**TVD Reference Datum:**	RKB
Well:	Artesia Yeso Fed Unit #21	**TVD Reference Elevation:**	3607.000 ft above Unknown
Borehole:	Original Hole	**Seabed / Ground Elevation:**	3593.000 ft above Unknown
UWI / API#:	Unknown / 30-015-41333	**Magnetic Declination:**	7.825 °
Survey Name:	Artesia Yeso Fed Unit #21 MWD 0' to 4801'	**Total Field Strength:**	48688.755 nT
Survey Date:	September 02, 2013	**Magnetic Dip Angle:**	60.584 °
Tort / AHD / DDI / ERD Ratio:	8.435 ° / 39.727 ft / 2.525 / 0.008	**Declination Date:**	September 02, 2013
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Declination Model:**	IGRF2010/IGRF-11
Location Lat / Long:	N 32° 49' 31.44000", W 104° 10' 32.16000"	**North Reference:**	Grid North
Location Grid N/E Y/X:	N 664049.496 ftUS, E 589789.886 ftUS	**Grid Convergence Used:**	0.086 °
CRS Grid Convergence Angle:	0.08550436 °	**Total Corr Mag North->Grid North:**	7.740 °
Grid Scale Factor:	0.99991178	**Local Coord Referenced To:**	Well Head

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 ° ' ")
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	664049.50	589789.89	N 32 49 31.44	W 104 10 32.16
Begin MWD Surveys	240.00	1.01	298.49	239.99	1.01	1.01	-1.86	0.42	664050.50	589788.03	N 32 49 31.45	W 104 10 32.18
	480.00	1.49	318.80	479.93	4.37	4.37	-5.77	0.27	664053.86	589784.11	N 32 49 31.48	W 104 10 32.23
	660.00	1.01	309.22	659.86	7.13	7.13	-8.54	0.29	664056.62	589781.34	N 32 49 31.51	W 104 10 32.26
	840.00	0.62	283.60	839.87	8.36	8.36	-10.72	0.29	664057.86	589779.17	N 32 49 31.52	W 104 10 32.29
	1020.00	0.88	283.12	1019.85	8.90	8.90	-13.01	0.14	664058.40	589776.88	N 32 49 31.53	W 104 10 32.31
	1202.00	0.48	258.80	1201.84	9.07	9.07	-15.12	0.27	664058.57	589774.77	N 32 49 31.53	W 104 10 32.34
	1382.00	0.40	273.19	1381.84	8.96	8.96	-16.49	0.08	664058.46	589773.40	N 32 49 31.53	W 104 10 32.35
	1562.00	0.31	250.29	1561.83	8.83	8.83	-17.57	0.09	664058.33	589772.32	N 32 49 31.53	W 104 10 32.37
	1742.00	0.09	115.29	1741.83	8.61	8.61	-17.90	0.21	664058.10	589771.98	N 32 49 31.53	W 104 10 32.37
	1922.00	0.22	234.21	1921.83	8.35	8.35	-18.06	0.15	664057.84	589771.83	N 32 49 31.52	W 104 10 32.37
	2101.00	0.40	249.50	2100.83	7.93	7.93	-18.92	0.11	664057.42	589770.97	N 32 49 31.52	W 104 10 32.38
	2285.00	0.31	262.29	2284.83	7.63	7.63	-20.02	0.06	664057.13	589769.87	N 32 49 31.52	W 104 10 32.39
	2462.00	0.09	189.39	2461.82	7.43	7.43	-20.51	0.17	664056.93	589769.38	N 32 49 31.51	W 104 10 32.40
	2642.00	0.09	237.81	2641.82	7.22	7.22	-20.66	0.04	664056.71	589769.23	N 32 49 31.51	W 104 10 32.40
	2822.00	0.40	288.72	2821.82	7.32	7.32	-21.38	0.19	664056.82	589768.51	N 32 49 31.51	W 104 10 32.41
	3003.00	0.20	241.12	3002.82	7.35	7.35	-22.26	0.16	664056.85	589767.63	N 32 49 31.51	W 104 10 32.42
	3183.00	0.42	256.37	3182.82	7.05	7.05	-23.18	0.13	664056.54	589766.71	N 32 49 31.51	W 104 10 32.43
	3363.00	0.31	270.51	3362.81	6.89	6.89	-24.30	0.08	664056.39	589765.59	N 32 49 31.51	W 104 10 32.44
	3543.00	0.20	219.56	3542.81	6.66	6.66	-24.99	0.13	664056.15	589764.90	N 32 49 31.51	W 104 10 32.45
	3723.00	0.40	223.00	3722.81	5.95	5.95	-25.62	0.11	664055.45	589764.27	N 32 49 31.50	W 104 10 32.46
	3903.00	0.31	255.52	3902.81	5.37	5.37	-26.52	0.12	664054.87	589763.37	N 32 49 31.49	W 104 10 32.47
	4085.00	0.40	264.79	4084.80	5.19	5.19	-27.63	0.06	664054.69	589762.26	N 32 49 31.49	W 104 10 32.48
	4263.00	0.88	253.81	4262.79	4.76	4.76	-29.56	0.28	664054.25	589760.33	N 32 49 31.49	W 104 10 32.51
	4443.00	0.62	244.80	4442.78	3.96	3.96	-31.77	0.16	664053.45	589758.12	N 32 49 31.48	W 104 10 32.53
	4623.00	0.70	258.20	4622.76	3.32	3.32	-33.73	0.10	664052.81	589756.16	N 32 49 31.47	W 104 10 32.56
End MWD Survey	4801.00	0.09	253.34	4800.76	3.05	3.05	-34.92	0.34	664052.55	589754.97	N 32 49 31.47	W 104 10 32.57

Survey Type: Non-Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Survey Tool Type	Borehole / Survey
	0.000	14.000	Act Stns	SLB_MWD-STD-Depth Only	Original Hole / Artesia Yeso Fed Unit #21 MWD 0' to 4801'
	14.000	14.000	Act Stns	SLB_MWD-STD-Depth Only	Original Hole / Artesia Yeso Fed Unit #21 MWD 0' to 4801'
	14.000	4801.000	Act Stns	SLB_MWD-STD	Original Hole / Artesia Yeso Fed Unit #21 MWD 0' to 4801'