

RECEIVED

FEB 18 2020

Form C-102

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 Brazos 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

Revised August 1, 2011

OIL CONSERVATION DIVISION

Submit one copy to appropriate

EMNRD-OCD ARTESIA

District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

AMENDED REPORT

"As-Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 3 columns: API Number (30-015-44974), Pool Code (98220), Pool Name (PURPLE SAGE; WOLFCAMP (GAS)), Property Code (321443), Property Name (CB SE 5 32 FED COM 3), Well Number (IH), OGRID No. (4323), Operator Name (CHEVRON U.S.A. INC.), Elevation (3015')

Table with 10 columns: UL or lot no. (N), Section (5), Township (24 SOUTH), Range (29 EAST, N.M.P.M.), Lot Idn, Feet from the (295'), North/South line (SOUTH), Feet from the (1542'), East/West line (WEST), County (EDDY)

Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no. (D), Section (32), Township (23 SOUTH), Range (29 EAST, N.M.P.M.), Lot Idn, Feet from the (171'), North/South line (NORTH), Feet from the (328'), East/West line (WEST), County (EDDY)

Table with 4 columns: Dedicated Acres (640), Joint or Infill, Consolidation Code, Order No.

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.

Survey plat diagram showing well location, take points, and acreage. Includes tables for coordinates and sections. Right side contains Operator Certification (Laura Becerra) and Surveyor Certification (Steven M. Coleman) with signatures and seals.

Handwritten initials 'RW'

Intent As Drilled

API #
30-015-44974

Operator Name: CHEVRON USA INC	Property Name: CB SE 5 32 FED COM 3	Well Number 1H
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Kick Off Point (KOP)

UL M	Section 5	Township 24S	Range 29E	Lot	Feet 71	From N/S FSL	Feet 318	From E/W FWL	County EDDY	
Latitude 32.239760					Longitude 104.014159			NAD NAD 83/86		

First Take Point (FTP)

UL M	Section 5	Township 24S	Range 29E	Lot	Feet 421	From N/S FSL	Feet 334	From E/W FWL	County EDDY	
Latitude 32.240723					Longitude 104.014122			NAD NAD 83/86		

Last Take Point (LTP)

UL D	Section 32	Township 23S	Range 29E	Lot	Feet 171	From N/S FNL	Feet 328	From E/W FWL	County EDDY	
Latitude 32.267690					Longitude 104.014457			NAD NAD 86/86		

Is this well the defining well for the Horizontal Spacing Unit? NO

Is this well an infill well? YES

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

API #
30-015-45710

Operator Name: CHEVRON USA INC	Property Name: CB SE 5 32 FED COM 3	Well Number 2H
---------------------------------------	--	-----------------------

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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Schlumberger

FEB 18 2020

EMNRD-OCDARTESIA

April 3, 2019

Chevron USA
6301 DEAUVILLE BLVD
Midland, TX 79706-0000

5, 24S, 29E, Eddy NM
N 32.24035 W 104.01020

Re:

CLIENT: Chevron USA
WELL: CB SE 5 32 FED COM 3 1H
FIELD: Purple Sage Wolfcamp

RIG: Patterson 257
COUNTY: Eddy
API NO: 30-015-44974
JOB NO: 18MLD4011

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 & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Saraj Aldawlah FE	CB SE 5 32 FED COM 3 1H Original Hole	426.00 Ft to 20220.00 Ft	December 21, 2018 to February 26, 2019	TelePacer SlimPulse

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

Dana Lasher
Field Service Manager

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)

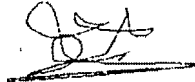
Schlumberger

Well Reference:

5, 24S, 29E, Eddy NM
N 32.24035 W 104.01020

I, Saraj Aldawlah certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of December 21, 2018 through February 26, 2019, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 426.00 feet to a depth of 20220.00 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 Chevron USA for the CB SE 5 32 FED COM 3 1H Well (Original Hole) API No. 30-015-44974 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
Saraj Aldawlah
FE



Subscribed and Sworn to before me this 3rd day of April (month) 2019 (yr)

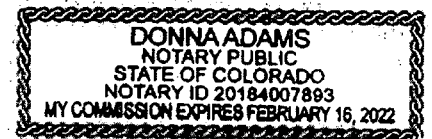
My Commission expires:

2-16-2022

D. Adams
Notary Public

(signature)

Adams County Colorado
(County State)





Chevron CB SE 5 32 FED COM 3 1H MWD to 20260ft Survey Geodetic Report (Def Survey)

Report Date: February 25, 2019 - 12:55 PM
Client: Chevron
Field: NM Eddy County (NAD 27)
Structure / Slot: Chevron CB SE 5 32 FED COM 3 Pad / 1H
Well: CB SE 5 32 FED COM 3 1H
Borehole: CB SE 5 32 FED COM 3 1H
UWI / API#: Unknown / Unknown
Survey Name: Chevron CB SE 5 32 FED COM 3 1H MWD to 20260ft
Survey Date: February 25, 2019
Tort / AHD / DDI / ERD Ratio: 242.459' / 11656.289 ft / 6.756 / 1.162
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 14' 24.80865", W 104° 0' 34.97126"
Location Grid N/E Y/X: N 451263.000 RUS, E 600058.000 RUS
CRS Grid Convergence Angle: 0.1726°
Grid Scale Factor: 0.99992056
Version / Patch: 2.10.753.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 359.270° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB - 28.00 ft
TVD Reference Elevation: 3043.000 ft above MSL
Seabed / Ground Elevation: 3015.000 ft above MSL
Magnetic Declination: 7.048°
Total Gravity Field Strength: 998.4638mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47934.227 nT
Magnetic Dip Angle: 59.990°
Declination Date: February 25, 2019
Magnetic Declination Model: HDGM 2019
North Reference: Grid North
Grid Convergence Used: 0.1726°
Total Corr Mag North->Grid North: 6.8755°

Local Coord Referenced To: Well Head

Table with columns: Comments, MD (ft), Incl (°), Azim Grid (°), TVD (ft), VSEC (ft), NS (ft), EW (ft), DLS ("/100ft), Northing (RUS), Easting (RUS), Latitude (N/S ° ' "), Longitude (E/W ° ' "). Contains 100 rows of survey data points.

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 ° ' ")
	17631.00	90.10	358.14	10011.57	7494.40	7478.65	-1284.47	0.39	458741.04	598773.63	N 32 15 38.85	W 104 0 49.67
	17727.00	90.03	357.74	10011.46	7590.38	7574.58	-1287.92	0.42	458836.97	598770.18	N 32 15 39.80	W 104 0 49.70
	17918.00	90.03	357.42	10011.36	7781.29	7765.41	-1295.99	0.17	459027.78	598762.12	N 32 15 41.69	W 104 0 49.79
	18014.00	90.21	358.51	10011.16	7877.27	7861.35	-1299.40	1.15	459123.71	598758.71	N 32 15 42.64	W 104 0 49.83
	18109.00	90.34	358.49	10010.71	7972.26	7956.32	-1301.88	0.14	459218.67	598756.22	N 32 15 43.58	W 104 0 49.85
	18205.00	89.83	358.81	10010.56	8068.25	8052.29	-1304.15	0.63	459314.63	598753.96	N 32 15 44.53	W 104 0 49.88
	18301.00	90.10	358.19	10010.62	8164.24	8148.26	-1306.66	0.70	459410.59	598751.45	N 32 15 45.48	W 104 0 49.90
	18396.00	90.17	358.47	10010.40	8259.23	8243.22	-1309.43	0.30	459505.54	598748.68	N 32 15 46.42	W 104 0 49.93
	18587.00	89.66	358.00	10010.68	8450.20	8434.12	-1315.31	0.36	459696.44	598742.80	N 32 15 48.31	W 104 0 49.99
	18682.00	90.14	358.01	10010.85	8545.17	8529.07	-1318.62	0.51	459791.37	598739.49	N 32 15 49.25	W 104 0 50.03
	18778.00	89.31	358.82	10011.31	8641.16	8625.03	-1321.27	1.21	459887.32	598736.83	N 32 15 50.20	W 104 0 50.06
	18968.00	90.24	358.55	10012.05	8831.15	8814.97	-1325.63	0.51	460077.25	598732.47	N 32 15 52.08	W 104 0 50.10
	19159.00	89.90	357.92	10011.82	9022.11	9005.88	-1331.52	0.37	460268.15	598726.59	N 32 15 53.96	W 104 0 50.16
	19350.00	90.07	358.44	10011.87	9213.08	9196.78	-1337.58	0.29	460459.03	598720.53	N 32 15 55.85	W 104 0 50.23
	19445.00	90.21	357.74	10011.64	9308.06	9291.73	-1340.75	0.75	460553.97	598717.36	N 32 15 56.79	W 104 0 50.26
	19541.00	90.17	358.60	10011.32	9404.04	9387.68	-1343.81	0.90	460649.91	598714.30	N 32 15 57.74	W 104 0 50.29
	19732.00	90.31	359.91	10010.52	9595.03	9578.66	-1346.30	0.69	460840.88	598711.81	N 32 15 59.63	W 104 0 50.31
	19923.00	90.41	0.59	10009.32	9786.00	9769.65	-1345.46	0.36	461031.85	598712.65	N 32 16 1.52	W 104 0 50.30
	20019.00	90.17	0.44	10008.83	9881.98	9865.64	-1344.60	0.29	461127.84	598713.51	N 32 16 2.47	W 104 0 50.28
Toe HL Cross	20103.00	89.11	359.79	10009.36	9965.96	9949.64	-1344.44	1.48	461211.83	598713.67	N 32 16 3.30	W 104 0 50.28
	20114.00	88.97	359.70	10009.55	9976.96	9960.64	-1344.48	1.48	461222.83	598713.62	N 32 16 3.41	W 104 0 50.28
Last SLB MWD Survey	20220.00	90.00	1.06	10010.50	10082.93	10066.63	-1343.78	1.61	461328.81	598714.33	N 32 16 4.46	W 104 0 50.27
Projection to Bit	20260.00	90.00	1.06	10010.50	10122.91	10106.62	-1343.04	0.00	461368.80	598715.07	N 32 16 4.86	W 104 0 50.26

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	28.000	1/98.425	30.000	30.000	A001Ma_MWD-Depth Only	CB SE 5 32 FED COM 3 1H / Chevron CB SE 5 32 FED COM 3
	1	28.000	28.000	Act Stns	30.000	30.000	A001Ma_MWD-Depth Only	CB SE 5 32 FED COM 3 1H / Chevron CB SE 5 32 FED COM 3
	1	28.000	394.000	Act Stns	30.000	30.000	A001Ma_MWD	CB SE 5 32 FED COM 3 1H / Chevron CB SE 5 32 FED COM 3
	1	394.000	20260.000	Act Stns	30.000	30.000	B001Ma_MWD+HDGM	CB SE 5 32 FED COM 3 1H / Chevron CB SE 5 32 FED COM 3

...CB SE 5 32 FED COM 3 1H/CB SE 5 32 FED COM 3 1H/Chevron CB SE 5 32 FED COM 3 1H MWD to 20260ft