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
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

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-42687	96103	SWD; Ellenburger

[4] Property Code	[5] Property Name	[6] Well Number
313738	PARKWAY SWD	2

[7] OGRID No.	[8] Operator Name	[9] Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3312.1

[10] Surface Location

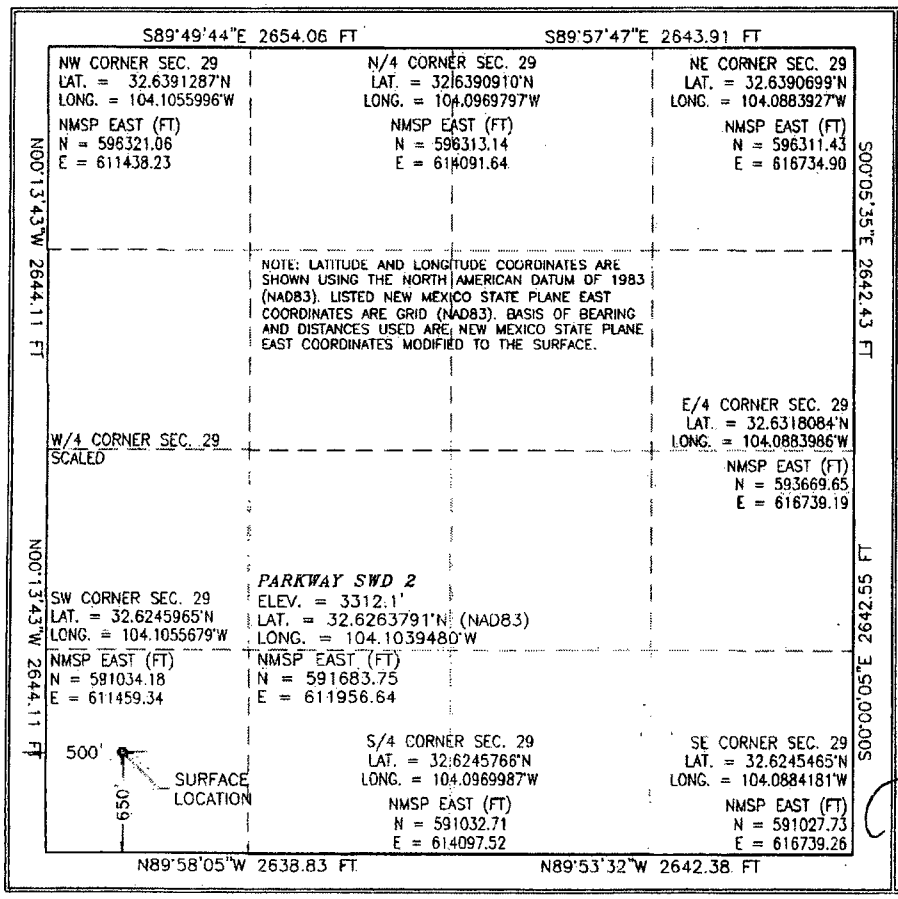
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	19 S	29 E		650	SOUTH	500	WEST	EDDY

[11] 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

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

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.



[17] 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.

Linda Good 10/3/2014
Signature Date

Linda Good
Printed Name

linda.good@dvn.com
E-mail Address

[18] 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.

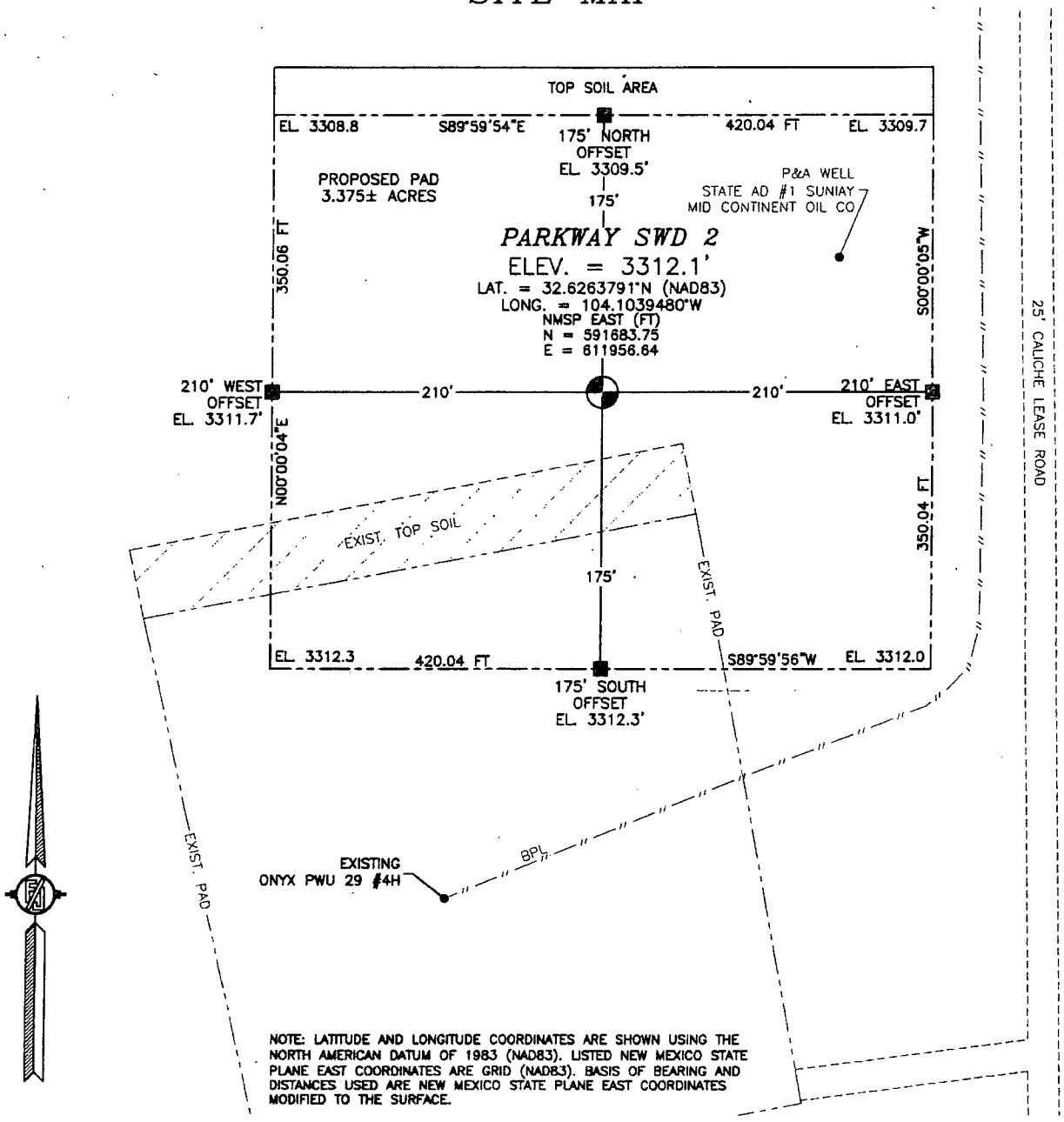
JANUARY 10, 2014
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: FILIMON F. JARAMILLO, PLS 12797

SURVEY NO. 2498

SECTION 29, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SITE MAP



NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.

0 10 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 235 (CURRY COMB ROAD) AND CR 242 (BUCKSKIN ROAD) GO EAST ON CR 235 1.23 MILES TO A CALICHE LEASE ROAD ON RIGHT GO SOUTH OVER CATTLE GUARD 2.22 MILES TO A CALICHE LEASE ROAD ON RIGHT GOES TO ONYX PWU 29 #4H GO WEST 150 FT. TO EXIST PAD SITE IS JUST NORTH OF PAD

DEVON ENERGY PRODUCTION COMPANY, L.P.

PARKWAY SWD 2

LOCATED 650 FT. FROM THE SOUTH LINE AND 500 FT. FROM THE WEST LINE OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

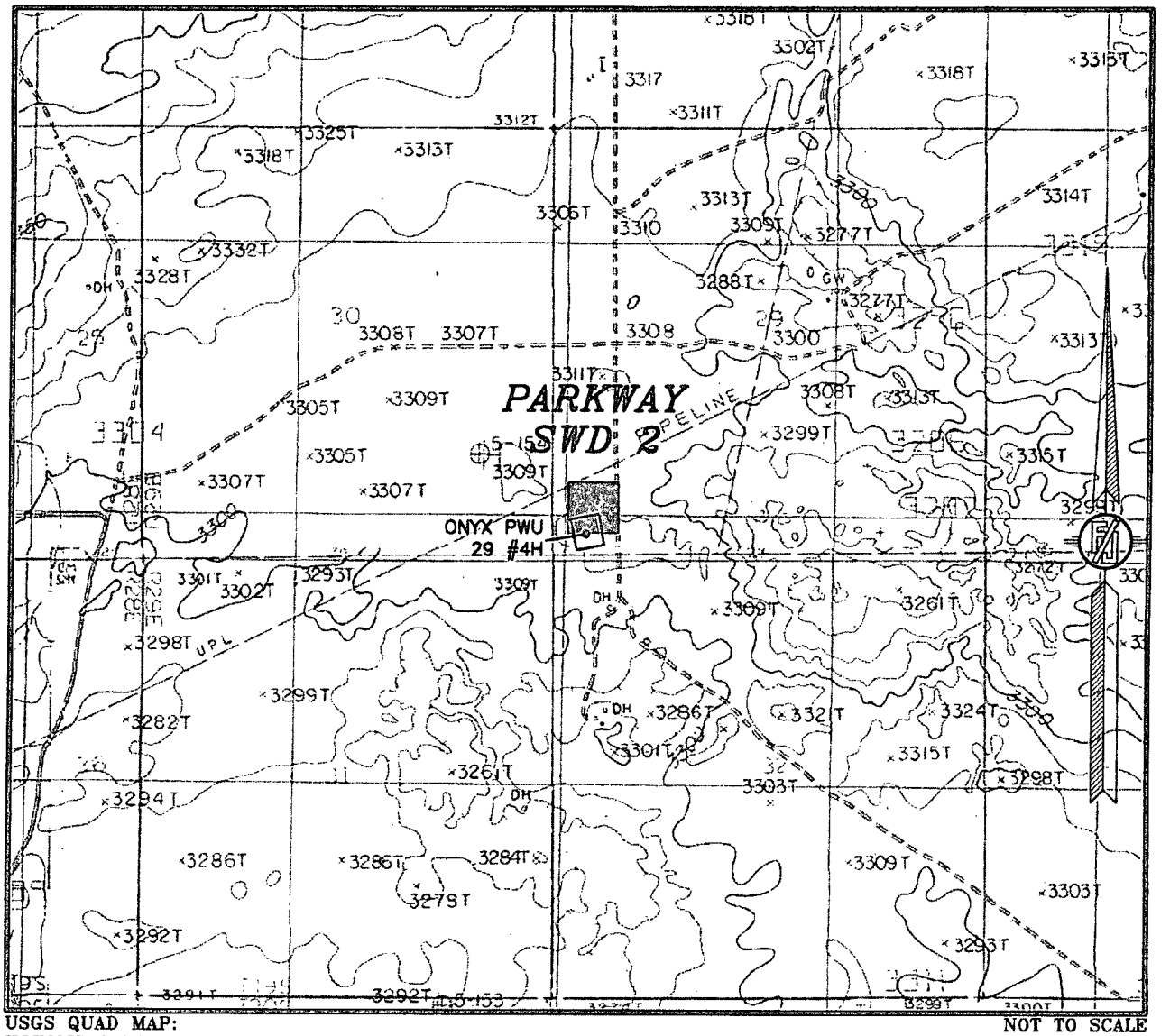
JANUARY 16, 2014

SURVEY NO. 2498

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 *CARLSBAD, NEW MEXICO*

SECTION 29, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

LOCATION VERIFICATION MAP



USGS QUAD MAP:
ILLINOIS CAMP NE

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

PARKWAY SWD 2

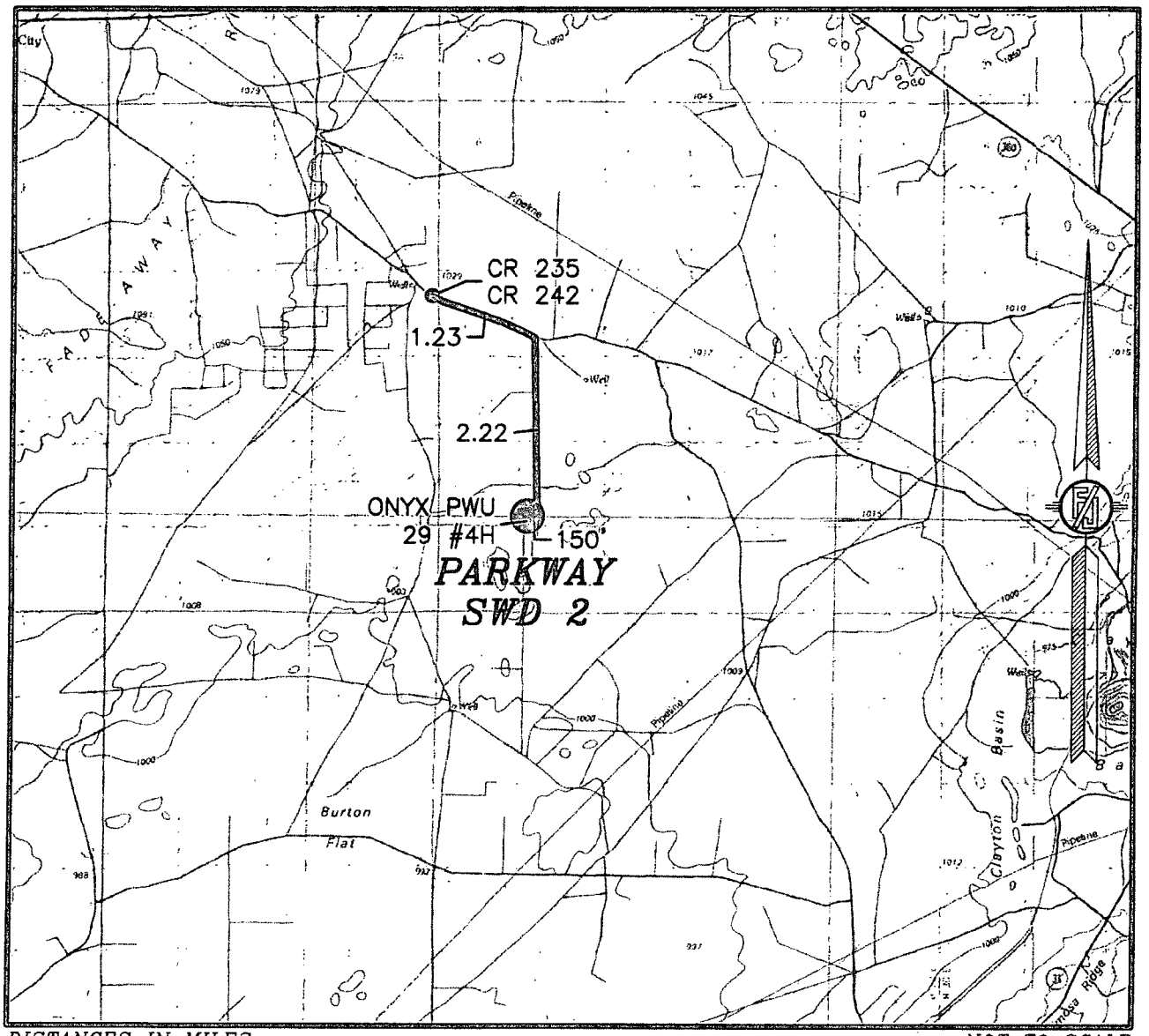
LOCATED 650 FT. FROM THE SOUTH LINE
AND 500 FT. FROM THE WEST LINE OF
SECTION 29, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 16, 2014

SURVEY NO. 2498

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 29, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF CR 235 (CURRY COMB ROAD) AND CR 242 (BUCKSKIN ROAD) GO EAST ON CR 235 1.23 MILES TO A CALICHE LEASE ROAD ON RIGHT GO SOUTH OVER CATTLE GUARD 2.22 MILES TO A CALICHE LEASE ROAD ON RIGHT GOES TO ONYX PWU 29 #4H GO WEST 150 FT. TO EXIST PAD SITE IS JUST NORTH OF PAD

DEVON ENERGY PRODUCTION COMPANY, L.P.
PARKWAY SWD 2
LOCATED 650 FT. FROM THE SOUTH LINE AND 500 FT. FROM THE WEST LINE OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

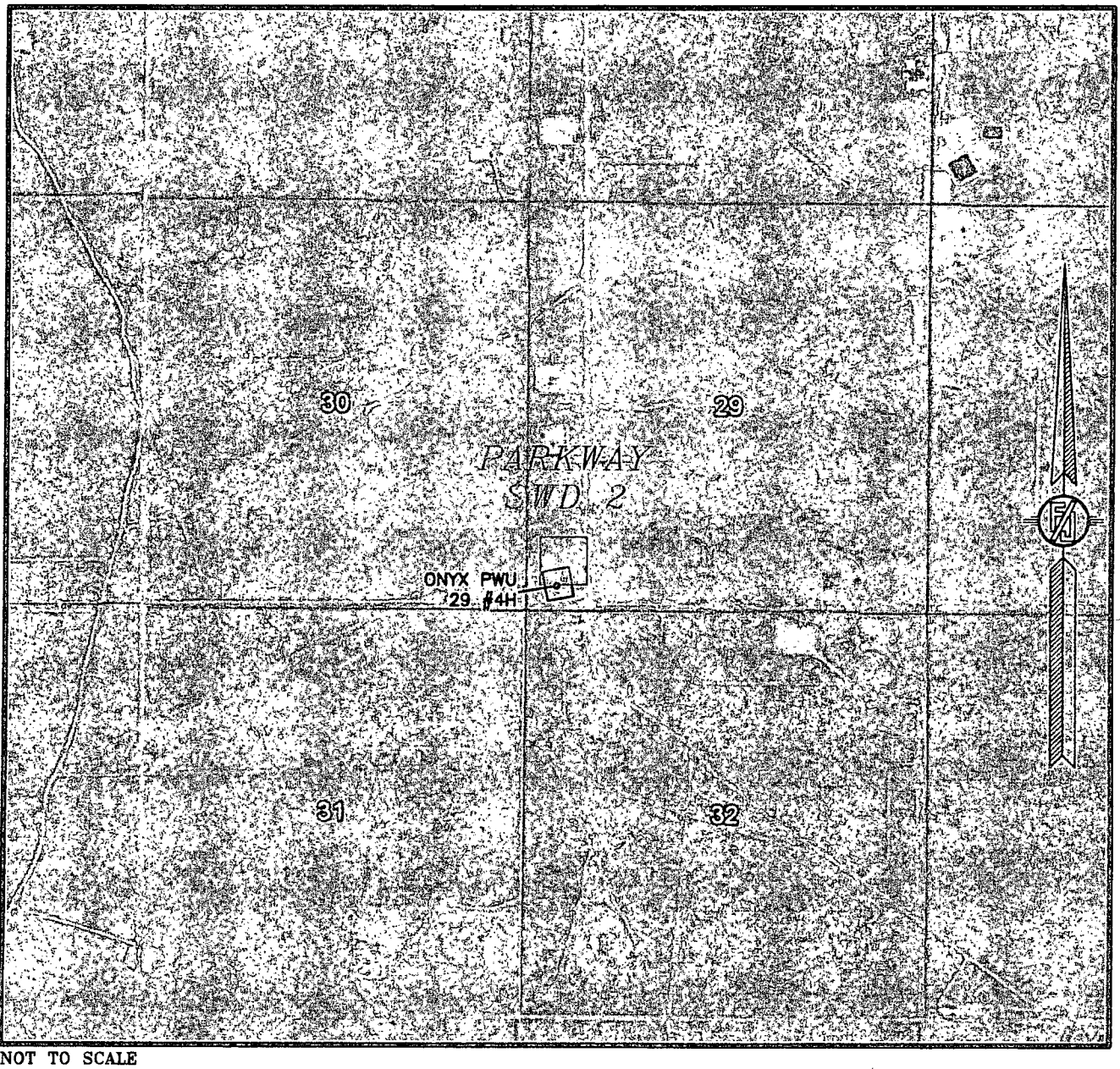
JANUARY 16, 2014

SURVEY NO. 2498

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 *CARLSBAD, NEW MEXICO*

SECTION 29, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APRIL 2013

DEVON ENERGY PRODUCTION COMPANY, L.P.

PARKWAY SWD 2

LOCATED 650 FT. FROM THE SOUTH LINE
AND 500 FT. FROM THE WEST LINE OF
SECTION 29, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 16, 2014

SURVEY NO. 2498

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

DRILLING PROGRAM

Devon Energy Production Company, L.P.
Parkway SWD 2

1. **Geologic Name of Surface Formation:** Rustler (fresh water ~100')

2. **Estimated Tops of Geological Markers & Depths of Anticipated FW, Oil, or Gas:**

a.	Rustler	surface	
b.	Salado	280	Barren
c.	Base Salado	970	Barren
d.	Tansil Dolomite	1045	Barren
e.	Yates	1175	Brine Water
f.	Seven Rivers	1485	Brine Water
g.	Queen	2020	Brine Water
h.	San Andres	2940	Brine Water
i.	Delaware	3375	Oil
j.	Bone Spring Lm	4955	Oil/Gas
k.	1st Bone Spring Sand	6800	Oil/Gas
l.	2nd Bone Spring Lime	6955	Oil/Gas
m.	2nd Bone Spring Sand	7585	Oil/Gas
n.	3rd Bone Spring Lm	7875	Oil/Gas
o.	3rd Bone Spring Sd	8600	Oil/Gas
p.	Wolfcamp	9040	Oil/Gas
q.	Penn	9935	Oil/Gas
r.	Strawn	10165	Gas
s.	Atoka Shale	10600	Gas
t.	Morrow Lime	10695	Gas
u.	Middle Morrow	11085	Gas
v.	Lower Morrow	11270	Gas

w.	Upper Barnett	11500	Gas
x.	Lower Barnett	11675	Gas
y.	Mississippian Lime	11775	Brine Water
z.	Woodford	12255	Brine Water
aa.	Siluro-Devonian	12315	Brine Water
ab.	Montoya	13225	Brine Water
ac.	Simpson	13505	Brine Water
ad.	Ellenburger	13690	Brine Water
	Total Depths	14000' TVD	

3. **Pressure Control Equipment:**

The BOP system used to drill the 17-1/2" hole will consist of a **20" 2M** Annular preventer. The BOP system will be tested as a **2M** system per BLM Onshore Oil and Gas Order 2 prior to drilling out the casing shoe.

A 3M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the first and second intermediate hole sections. The BOP system will be tested as a **3M** system per BLM Onshore Oil and Gas Order 2 prior to drilling out the casing shoes.

A 5M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the third intermediate hole section. The BOP system will be tested as a **5M** system per BLM Onshore Oil and Gas Order 2 prior to drilling out the casing shoes. The same choke manifold will be used as the 3M system, however it will be tested as a 5M system.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP for the first two intermediate hole sections. The items listed above will be tested to a 5,000 psi WP for the third intermediate hole section.

Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line); **if an H&P rig drills this well. Otherwise no flex line is needed**. The line will be kept as straight as possible with minimal turns.

Auxiliary Well Control and Monitoring Equipment:

a. A Kelly cock will be in the drill string at all times.
b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.

4. Casing Program:

Hole Size	Hole Interval	Casing OD	Casing Interval	Weight (lb/ft)	Collar	Grade	Collapse Design Factor	Burst Design Factor	Tension Design Factor
26"	0 - 350'	20"	0 - 350'	94	BTC	J-55	2.98	12.08	42.61
17-1/2"	350-3330'	13-3/8"	0-3330'	68	BTC	J-55	1.13	1.99	5.03
12-1/4"	3330-9200'	9-5/8"	0-9200'	47	LTC	P-110	1.60	2.11	3.47
8-3/4"	9200-12315'	7"	0-12315'	29	BTC	P-110	1.13	1.48	2.67
6-1/8"	12315-14000'	OPEN HOLE							

Casing Notes:

- All casing is new and API approved

Maximum Lateral TVD: 14000'

5. Proposed mud Circulations System:

Depth	Mud Weight	Viscosity	Fluid Loss	Type System
0-350'	8.4-9.0	30-34	N/C	FW
350-3330'	10.0-10.1	28-32	N/C	Brine
3330-9200'	8.6-9.0	28-32	N/C	FW
9200-12315'	9.9-10.2	28-32	N/C	Brine
12315-14000'	8.3-8.5	28-32	N/C	FW

The necessary mud products for weight addition and fluid loss control will be on location at all times. Visual mud monitoring equipment will be in place to detect volume changes indicating loss or gain of circulating fluid volume. If abnormal pressures are encountered, electronic/mechanical mud monitoring equipment will be installed.

6. Cementing Table:

String	Number of sx	Weight lbs/gal	Water Volume g/sx	Yield cf/sx	Stage; Lead/Tail	Slurry Description
20" Surface Casing	850	14.8	6.34	1.34	Tail	Class C Cement + 1% Calcium Chloride + 64.2% Fresh Water
13-3/8" 1st Intermediate Casing	1500	12.9	9.82	1.85	Lead	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water
	950	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
13-3/8" 1st Intermediate Casing Two-Stage Option	870	12.9	9.82	1.85	Lead	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water
	490	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
	DV Tool at 1520ft					
	640	12.9	9.82	1.85	Lead	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water
	460	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
9-5/8" 2nd Intermediate Casing	992	11.9	12.89	2.26	Lead	(50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000 + 76.4% Fresh Water
	590	14.4	5.75	1.24	Tail	50% Premium H / 50% PozMix + 0.2% BWOC Halad-9 + 0.2% BWOC HR-800 + 64.7% Fresh Water
7" Production Casing	310	12.5	10.86	1.96	Lead	(65:35) Class H Cement: Poz (Fly Ash) + 6% BWOC Bentonite + 0.25% BWOC HR-601 + 0.125 lbs/sack Poly-E-Flake + 74.1 % Fresh Water
	360	14.5	5.32	1.21	Tail	(50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.25% bwoc CFR-3 + 0.2% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water

TOC for all Strings:

Surface	@	0'
Intermediate I	@	0'
Intermediate II	@	0'
Production	@	8700'

Notes:

- Cement volumes Surface 100%, Intermediate #1 75%, Intermediate #2 50% and Intermediate #3 based on at least 25% excess.