NM OIL CONSERVATION
ARTESIA DISTRICT
SEP 05 2014
RECEIVED

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
30-015-42623	96189	SWD; Canyon-Mor-Dev-Ellen

4 Property Code	5 Property Name	6 Well Number
313646	UNCLE JESSE 32 STATE SWD	1
OGRID No.	**8 Operator Name**	**9 Elevation**
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3362.2

10 Surface Location

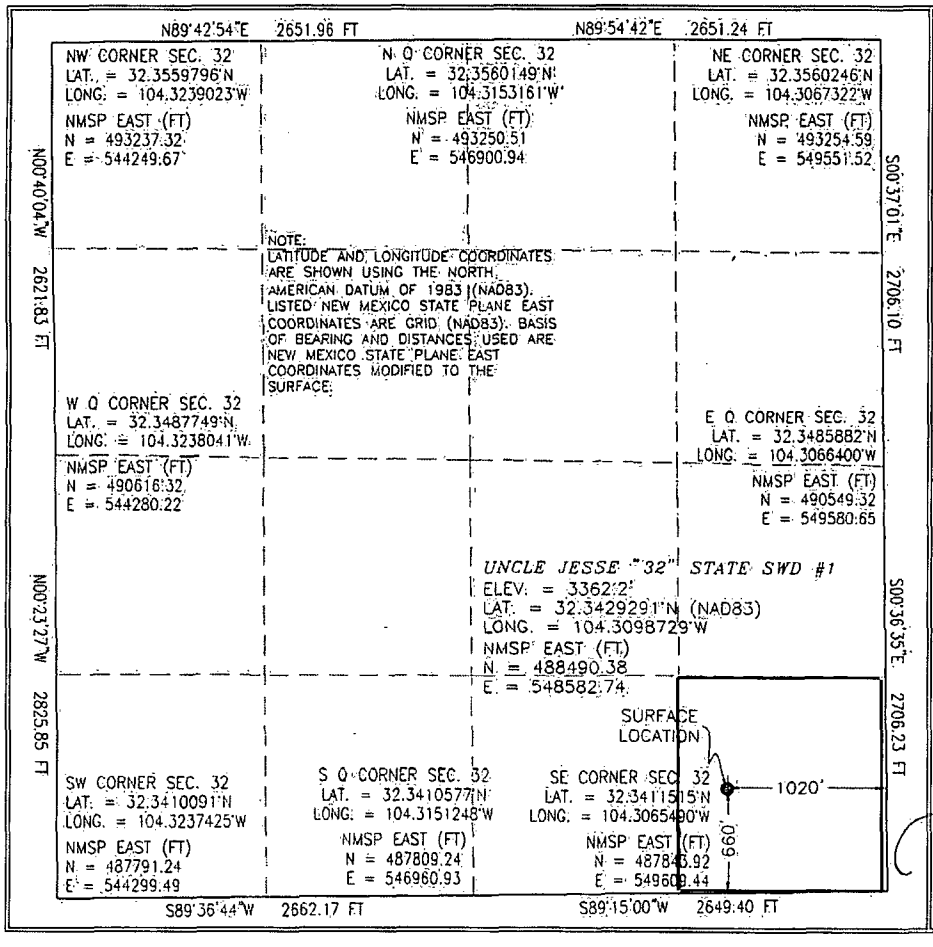
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	22 S	26 E		660	SOUTH	1020	EAST	EDDY

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 9/4/2014
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.

MARCH 20, 2014
Date of Survey

FILIMON F. JARAMILLO
NEW MEXICO
12797
REGISTERED PROFESSIONAL SURVEYOR

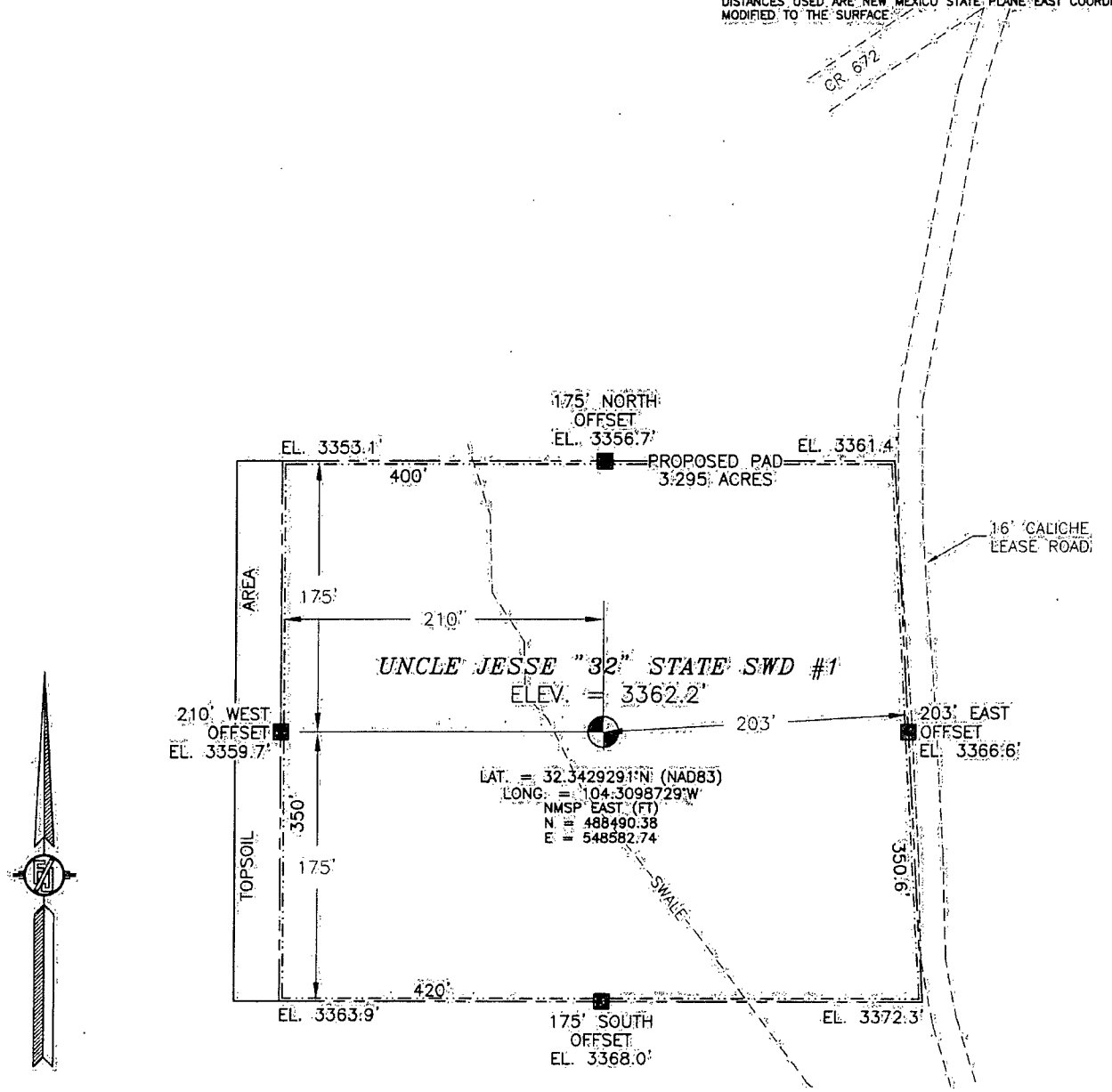
Signature and Seal of Professional Surveyor

Certificate Number: FILIMON F. JARAMILLO, PLS 12797

SURVEY NO. 2727

SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 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 STANDPIPE ROAD AND CR 672 (HIDALGO ROAD) GO SOUTHWEST ON CR 672 2.9 MILES TO A CALICHE LEASE ROAD ON LEFT, GO SOUTH ABOUT 300'. NORTHEAST CORNER OF PROPOSED PAD ON RIGHT.

DEVON ENERGY PRODUCTION COMPANY, L.P.

UNCLE JESSE "32" STATE SWD #1

LOCATED 660 FT. FROM THE SOUTH LINE AND 1020 FT. FROM THE EAST LINE OF SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

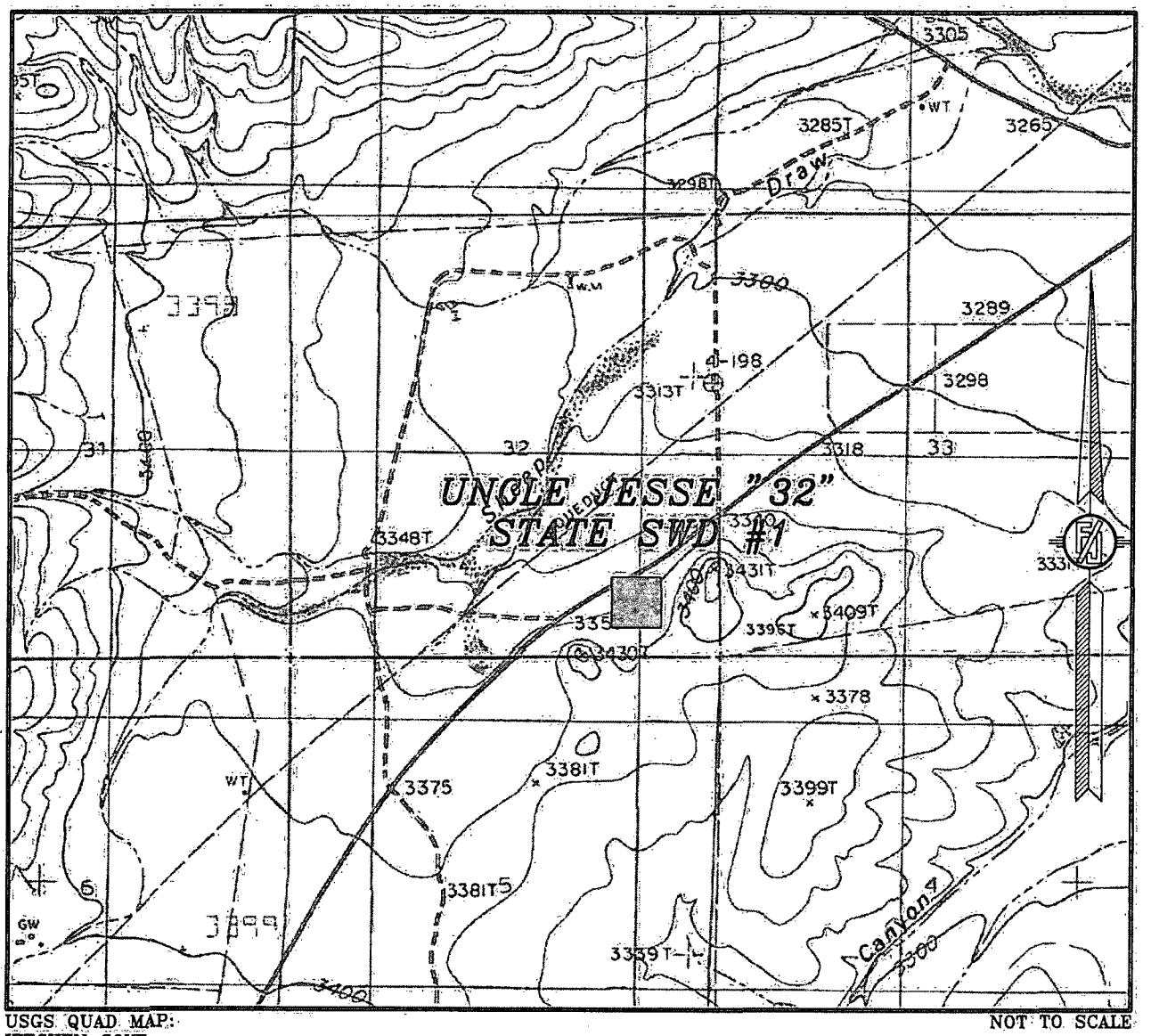
MARCH 20, 2014

SURVEY NO. 2727

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

SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

LOCATION VERIFICATION MAP



USGS QUAD MAP:
KITCHEN COVE

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

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AND 1020 FT. FROM THE EAST LINE OF
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RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

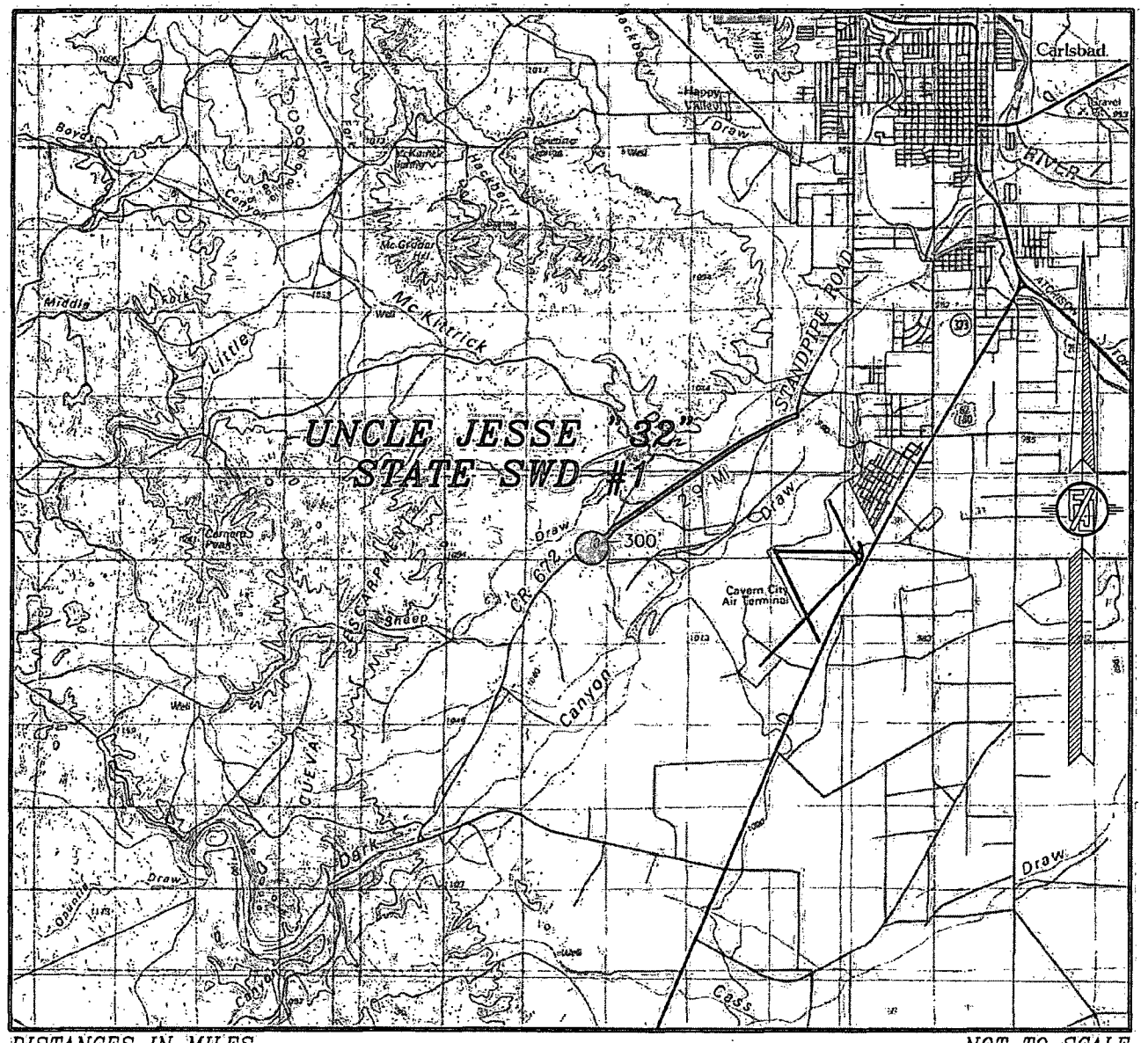
MARCH 20, 2014

SURVEY NO. 2727

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

SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

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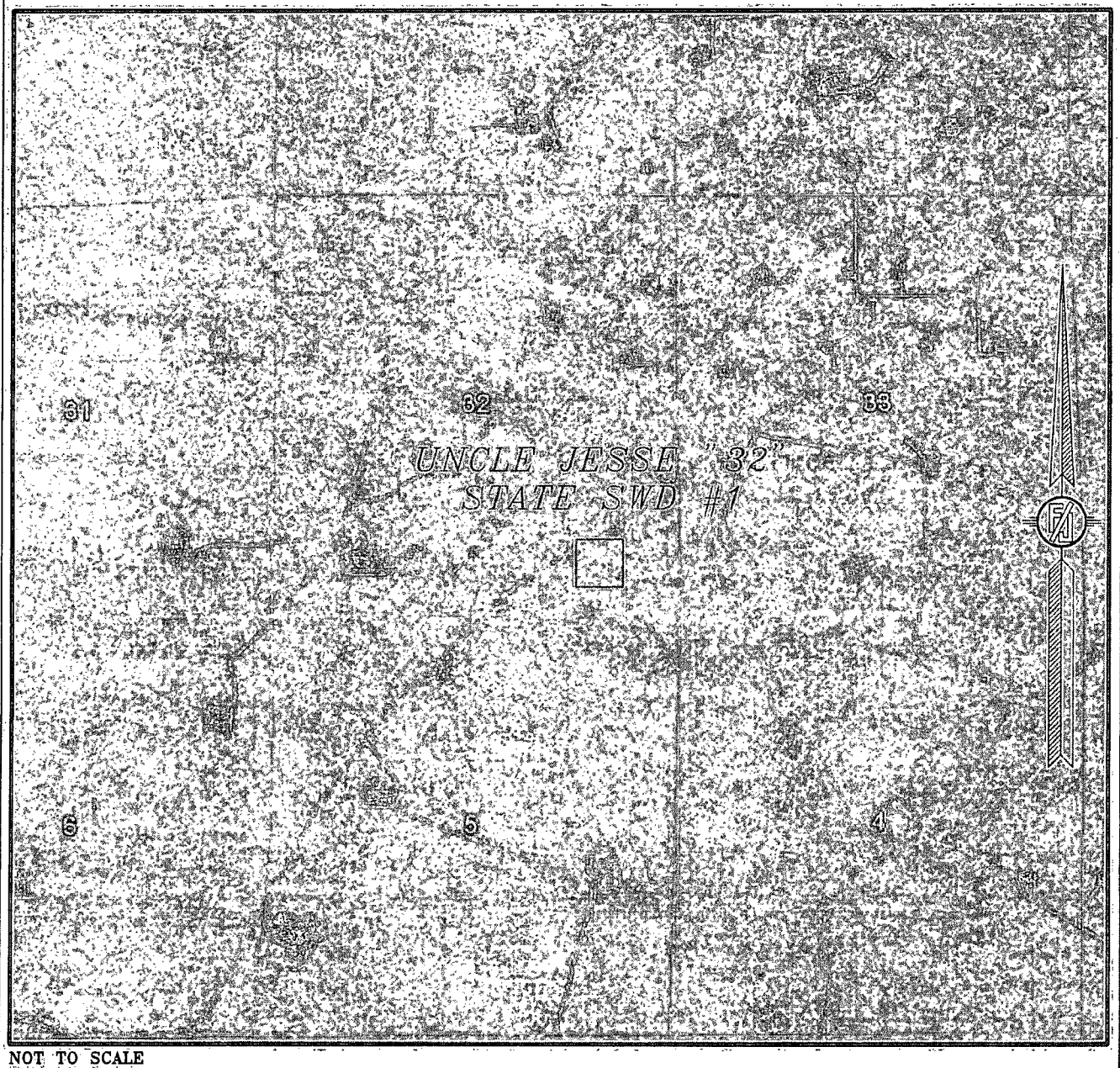
SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APRIL 2013

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SURVEY NO. 2727

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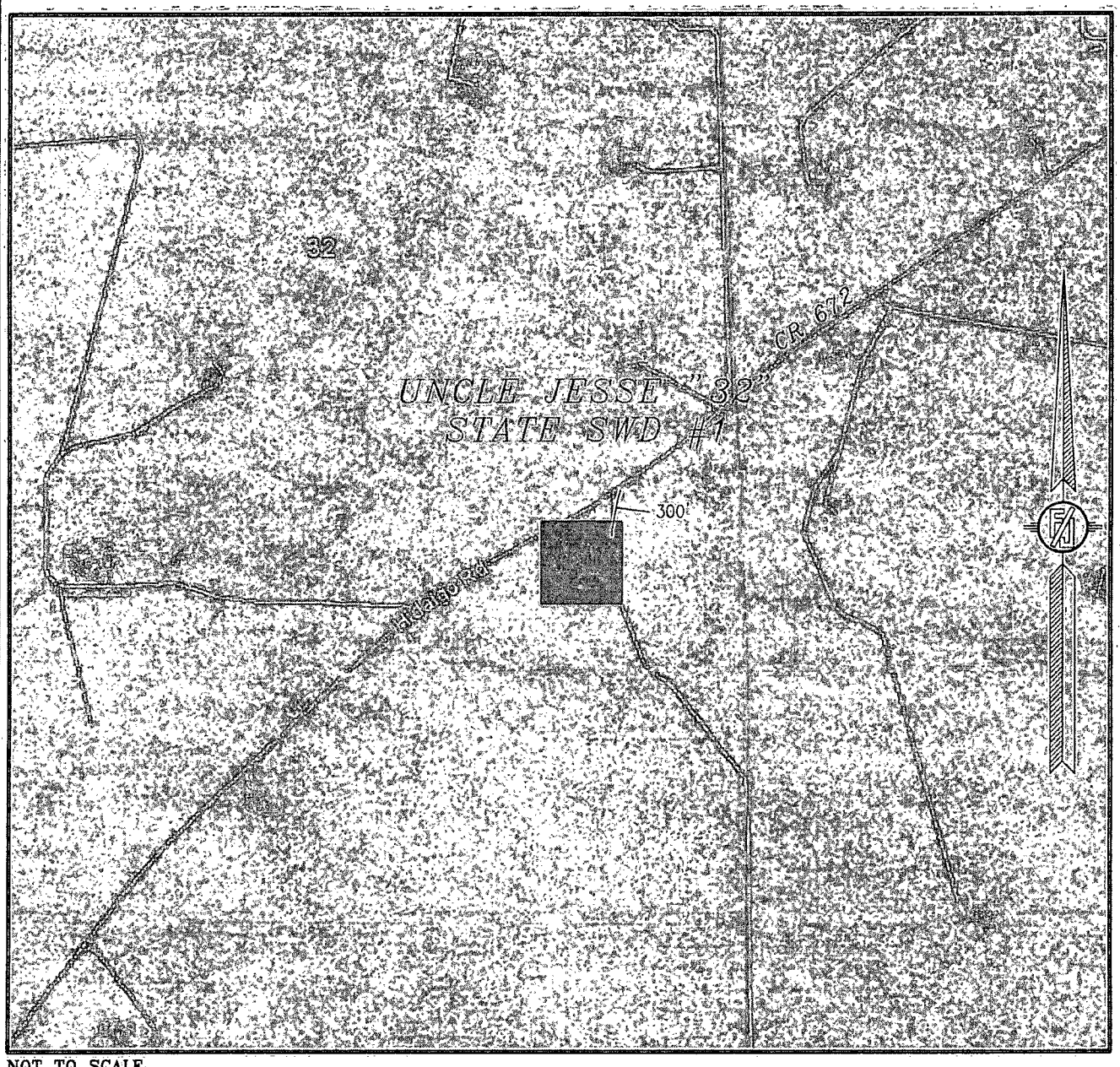
SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

ACCESS AERIAL ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APRIL 2013

DEVON ENERGY PRODUCTION COMPANY, L.P.

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EDDY COUNTY, STATE OF NEW MEXICO

MARCH 20, 2014

SURVEY NO. 2727

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

DRILLING PROGRAM

Devon Energy Production Company, L.P.
Uncle Jesse 32 State SWD 1

1. Geologic Name of Surface Formation: Salado

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

a.	Salado	0	Barren
b.	Tansil	0	Barren
c.	Capitan	644	Barren
d.	Capitan Base	1294	Barren
e.	Delaware	1704	Oil
f.	Bone Spring	4898	Oil/Gas
g.	Wolfcamp	8682	Oil/Gas
h.	Strawn	10021	Gas
i.	Atoka	10372	Gas
j.	Morrow	10820	Gas
k.	Mississippian	11585	Brine Water
l.	Miss Lime	11485	Brine Water
m.	Woodford	12335	Brine Water
n.	Silurian	12415	Brine Water
o.	Simpson	14255	Brine Water
	Total Depths	14997' 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 the 12-1/4" hole section. 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 the 8-1/2" & 6-1/8"hole sections. 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
17-1/2"	0-1690'	13-3/8"	0-1690'	68	BTC	J-55	2.22	3.93	9.92
12-1/4"	1690-8660'	9-5/8"	0-8660'	47	LTC	P-110	1.70	2.24	3.69
8-3/4"	8660-12415'	7"	0-12415'	29	BTC	P-110	1.13	1.49	2.65
6-1/8"	12415-14997'	OPEN HOLE							

Casing Notes:

- All casing is new and API approved

Maximum TVD: 14997'

5. **Proposed mud Circulations System:**

Depth	Mud Weight	Viscosity	Fluid Loss	Type System
0-1690'	10.0-10.1	28-32	N/C	Brine
1690-8660'	8.6-9.3	28-32	N/C	FW
8660-12415'	9.9-11.7	28-32	N/C	Brine
12415-14997'	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
13-3/8" Surface	790	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
9-5/8" 1st Intermediate Casing	1320	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
	400	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
9-5/8" 1st Intermediate Casing Two-Stage Option	770	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
	210	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
	DV Tool at 4500ft					
	560	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
	180	14.8	6.34	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
7" Production Casing	330	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
	480	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	@	1190'
Production	@	8160'

Notes:

- Cement volumes Surface75%, Intermediate #1 50% and Production based on at least 25% excess.
- Actual cement volumes will be adjusted based on fluid caliper and/or caliper log data.
- If lost circulation is encountered while drilling the 1st intermediate, a DV tool will be installed a minimum of 50' below the previous casing shoe and of 0' above the current shoe. If the DV tool has to be moved, the cement volumes will be adjusted proportionately.