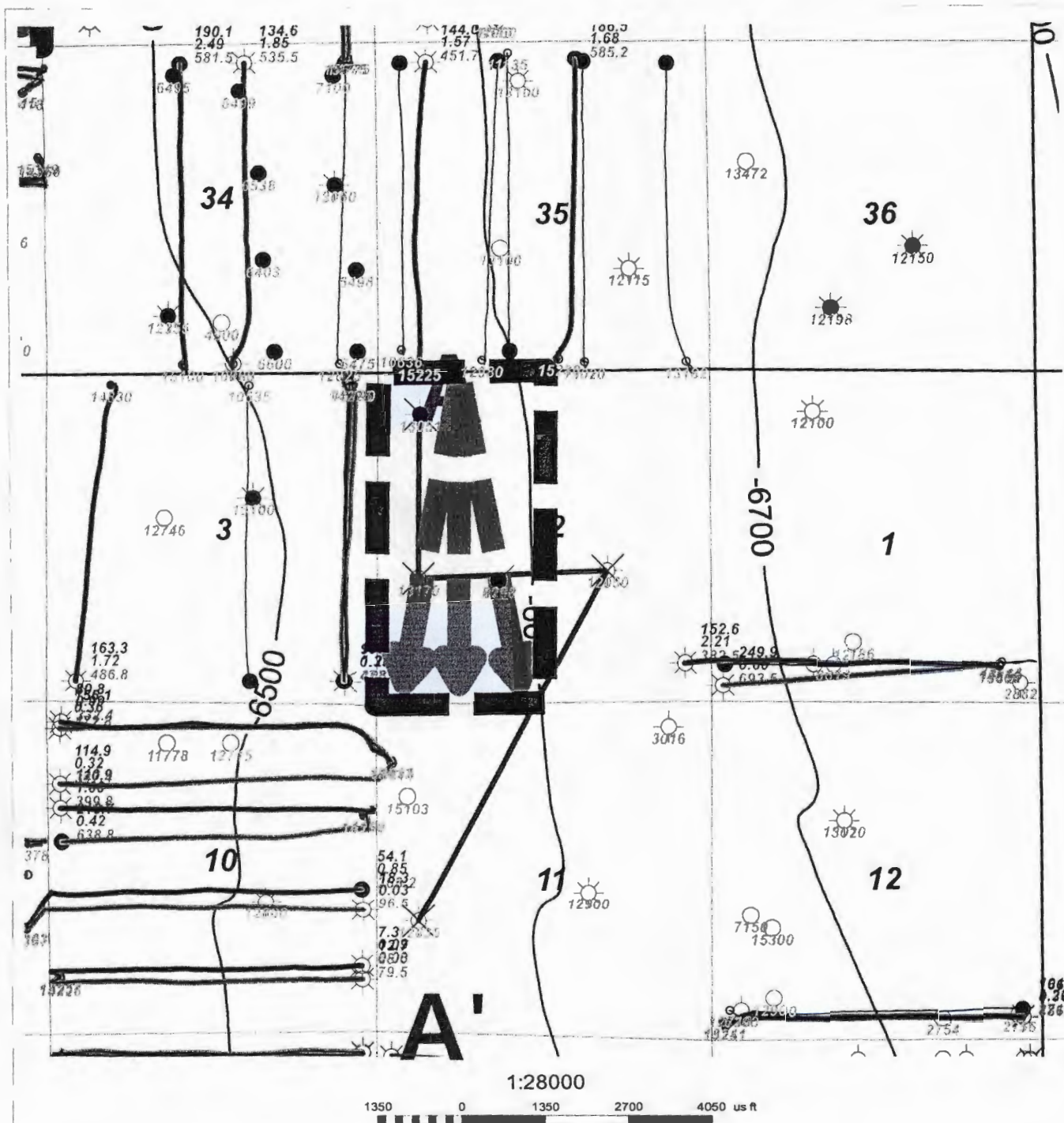




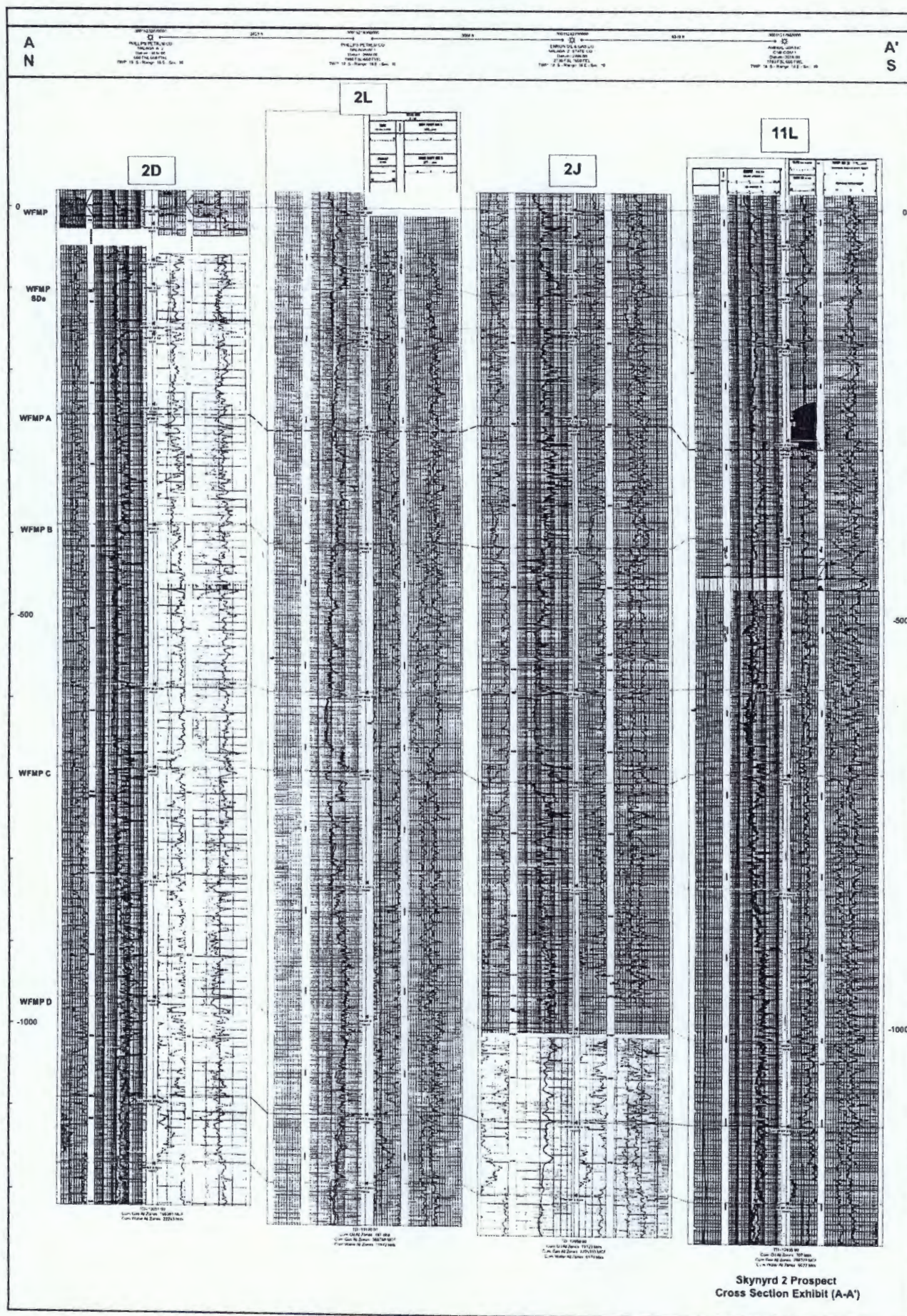
Horizontal Activity Color Code

- Wolfcamp Sand
- Wolfcamp Shale

Oil Cum (MBO)
Gas Cum (BCF)



Mewbourne Oil Company		
Skynyrd 2 W0DM Fee 1H Skynyrd W0DM Fee 2H Skynyrd W0CN Fee 1H Horizontal Activity Map Structure Top of WFMP (C.I. 100')		
7/20/2018	Eddy County	AL - Ardian
		Geoff J. Carter



Skynyrd 2 Horizontal Wolfcamp Production Table

Well Name	Operator	API	Location	WFMP Comp Date	Cum Oil (Mbo)	Cum Gas (BCF)	Cum Water (mbw)	NS/EW	WFMP Zone
Yardbirds 34 W2CN Fee 1H	Mewbourne	3001541309	34N/23S28E	7/1/2016	190.1	2.5	581.5	NS	WFMP D Shale
Layla 35 MD Fee 2H	Mewbourne	3001541730	35M/23S/28E	4/2/2014	144	1.6	451.7	NS	WFMP D Shale
Layla 34 W2OB Fee 3H	Mewbourne	3001542407	35O/23S/28E	8/24/2015	186.5	1.7	585.2	NS	WFMP D Shale
Guitar 10 24 28 RB 202H	Matador	3001542660	10H/24S/28E	4/2/2015	221.8	0.4	658.1	EW	WFMP Sand
Yardbirds 3 W2AP Fee 1H	Mewbourne	3001542935	3A/24S/28E	7/18/2017	104.7	1.3	391.5	NS	WFMP D Shale
Yardbirds 3 W2DM Fee 1H	Mewbourne	3001542936	3D/24S/28E	7/30/2015	163.3	1.7	486.8	NS	WFMP D Shale
Speedwagon 27 W2PA Fee 1H	Mewbourne	3001543097	34A/23S/28E	2/14/2018	52.1	0.7	271.5	NS	WFMP D Shale
Yardbirds 34 W2OB Fee 1H	Mewbourne	3001543464	34O/23S/28E	6/12/2016	134.6	1.8	535.5	NS	WFMP D Shale
Guitar 10 24 28 RB 222H	Matador	3001543693	10H/24S/28E	8/12/2016	115.9	1.03	414.9	EW	WFMP D Shale
Dr Scrivner Federal 1 24S 28E RB 208H	Matador	3001543822	1P/24S/28E	10/21/2016	249.9	0.6	693.5	EW	WFMP Sand
Dr Scrivner Federal 1 24S 28E RB 228H	Matador	3001543824	1P/24S/28E	11/6/2016	152.6	2.2	382.5	EW	WFMP D Shale
Journey 12 W2MP Fee Com 2H	Mewbourne	3001543845	12M/24S/28E	4/17/2017	105.5	1.3	286.3	EW	WFMP D Shale
Guitar 10 24 28 RB 201H	Mewbourne	3001543940	11D/24S/28E	5/20/2017	169.2	0.4	529.1	EW	WFMP Sand
Yardbirds 3 W0AP Fee 2H	Mewbourne	3001543949	3A/24S/28E	7/18/2017	203.7	0.3	516.5	NS	WFMP Sand
Guitar 10 24 28 RB 221H	Matador	3001543966	11D/24S/28E	4/30/2017	87.5	1.1	364.5	EW	WFMP D Shale
Guitar 10 24 28 RB 205H	Matador	3001543993	11D/24S/28E	5/17/2017	114.9	0.3	347.4	EW	WFMP Sand
Speedwagon 27 W0PA Fee 2H	Mewbourne	3001544115	34A/23S/28E	2/5/2018	134.5	0.2	350.9	NS	WFMP Sand
Tom Matthews 10 24S 28E RB 223H	Matador	3001544257	9I/24S/28E	10/21/2017	54.1	0.8	263.2	EW	WFMP D Shale
Tom Matthews 10 24S 28E RB 204H	Matador	3001544515	10M/24S/28E	5/5/2018	12.7	0.03	79.5	EW	WFMP Sand
Tom Matthews 10 24S 28E RB 224H	Matador	3001544516	10M/24S/28E	4/14/2018	7.3	0.09	68.6	EW	WFMP D Shale
Tom Matthews 10 24S 28E RB 203H	Matador	3001544561	9I/24S/28E	4/22/2018	18.3	0.03	96.5	EW	WFMP Sand



Mewbourne Oil Company

Eddy County, New Mexico (Nad 83)

Sec 2, T24S, R28E

Skynyrd 2 W0CN Fee #1H

Wellbore #1

Plan: Design #1

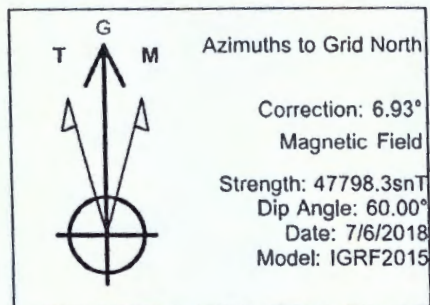
QES Well Planning Report

06 July, 2018



Company Name: Mewbourne Oil Company
 Skynyrd 2 WCN Fee #1H
 Eddy County, New Mexico (Nad 83)
 Rig: Patterson #243
 Created By: Shane Robbins
 Date: 7/6/2018

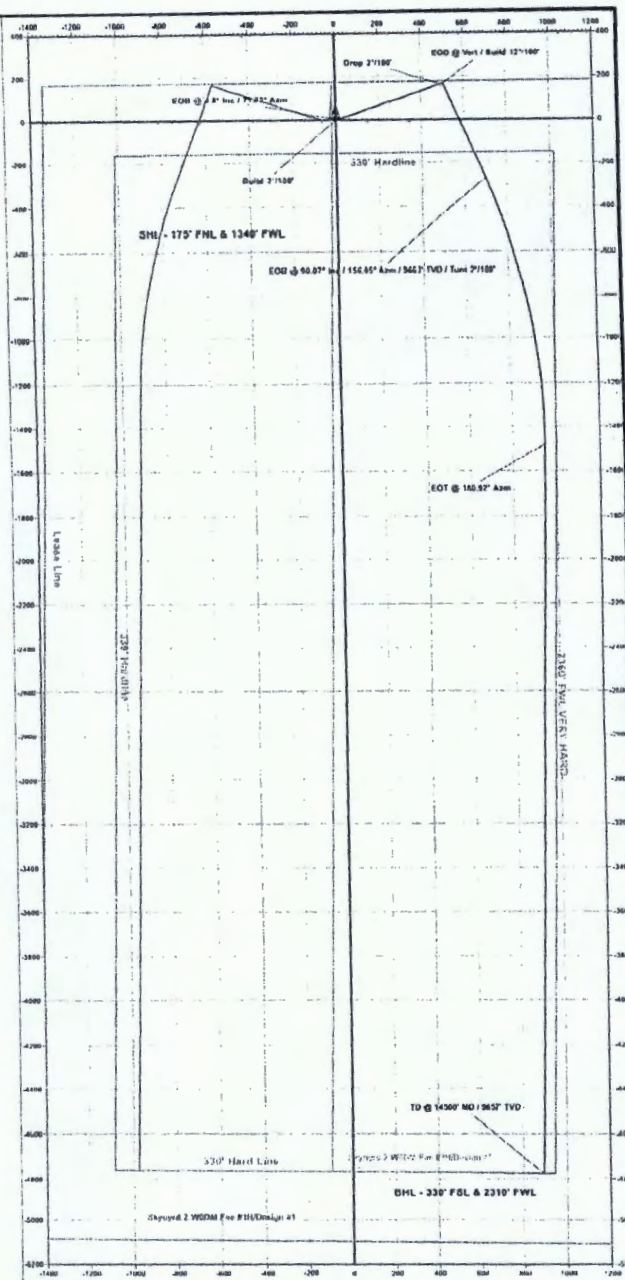
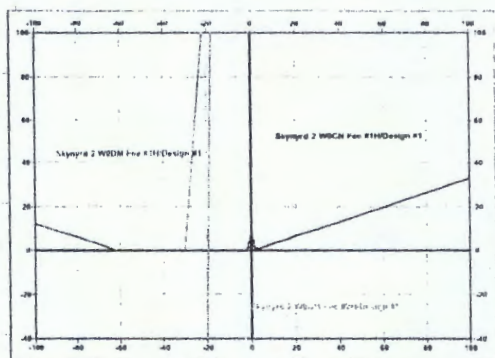
Skynyrd 2 WCN Fee #1H
 Eddy County, New Mexico (Nad 83)
 Q180*** & WT-180***
 Design #1



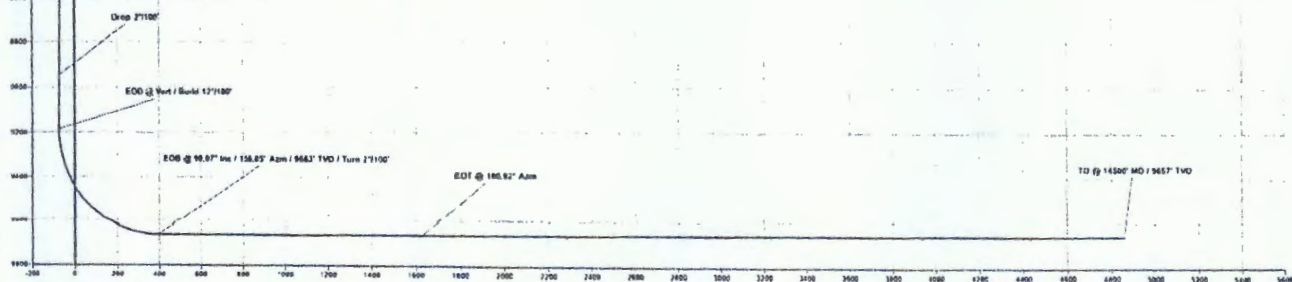
WELL DETAILS: Skynyrd 2 WCN Fee #1H					
			3016.0		
+N/S	+E/W	Northing	Eastng	Latitude	Longitude
0.0	0.0	496163.00	625124.70	32° 15' 13.596 N	104° 3' 44.254 W

PROJECT DETAILS: Eddy County, New Mexico (Nad 83)

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level



ANNOTATIONS									
MD	Inc	Azi	TVD	+N/S	+E/W	VSec/Departure	Annotation		
2600.0	0.00	0.00	2600.0	0.0	0.0	0.0	Build 2°/100'		
2840.1	4.80	71.72	2839.8	3.2	9.5	-1.3	EOB @ 4.8" Inc / 71.72° Azm		
8967.5	4.80	71.72	8945.7	164.9	496.6	-89.9	Drop 2°/100'		
9207.8	0.00	0.00	9185.5	167.2	508.2	-71.3	EOB @ Vert / Build 12°/100'		
9958.2	90.97	156.05	9663.0	-269.7	790.3	1911.2	EOB @ 90.07° Inc / 156.05° Azm / 9663° TVD / Turn 2°/100'		
11201.9	90.97	180.92	9661.3	-1476.8	946.5	1627.7	EOT @ 180.92° Azm		
14499.5	90.97	180.92	9657.0	-4776.0	893.4	4858.8	TD @ 14500' MD / 9657° TVD		



Vertical Section at 169.40° (200 usf/in)



Mewbourne Oil Company

Eddy County, New Mexico (Nad 83)

Sec 2, T24S, R28E

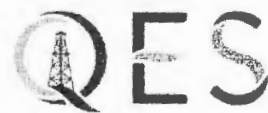
Skynyrd 2 W0DM Fee #1H

Wellbore #1

Plan: Design #2

QES Well Planning Report

10 July, 2018



Company Name: Mewbourne Oil Company
 Skynryd 2 WODM Fee #1H
 Eddy County, New Mexico (Nad 83)
 Rig: Patterson #243
 Created By: Shane Robbins
 Date: 7/6/2018

Skynryd 2 WODM Fee #1H
 Eddy County, New Mexico (Nad 83)
 Q180*** & WT-180***
 Design #2



Azimuths to Grid North

Correction: 6.93°

Magnetic Field

Strength: 47798.3snT

Dip Angle: 60.00°

Date: 7/6/2018

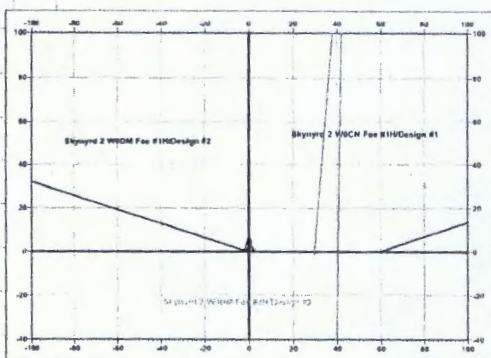
Model: IGRF2015

WELL DETAILS: Skynryd 2 WODM Fee #1H

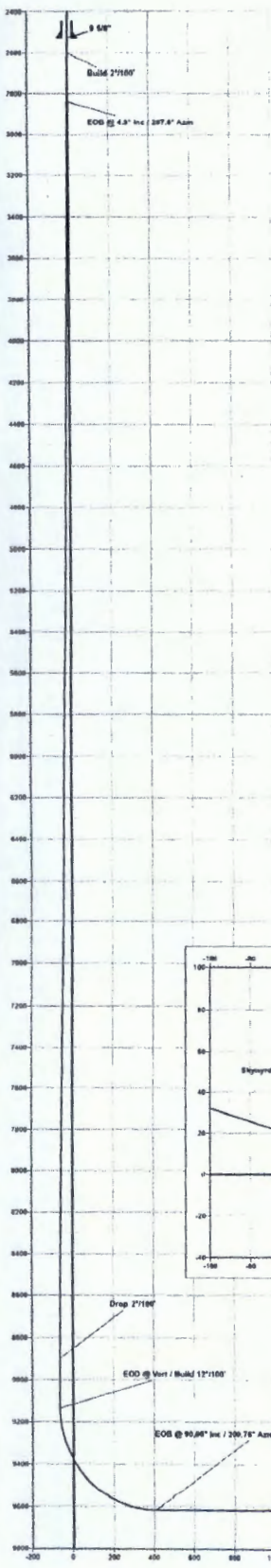
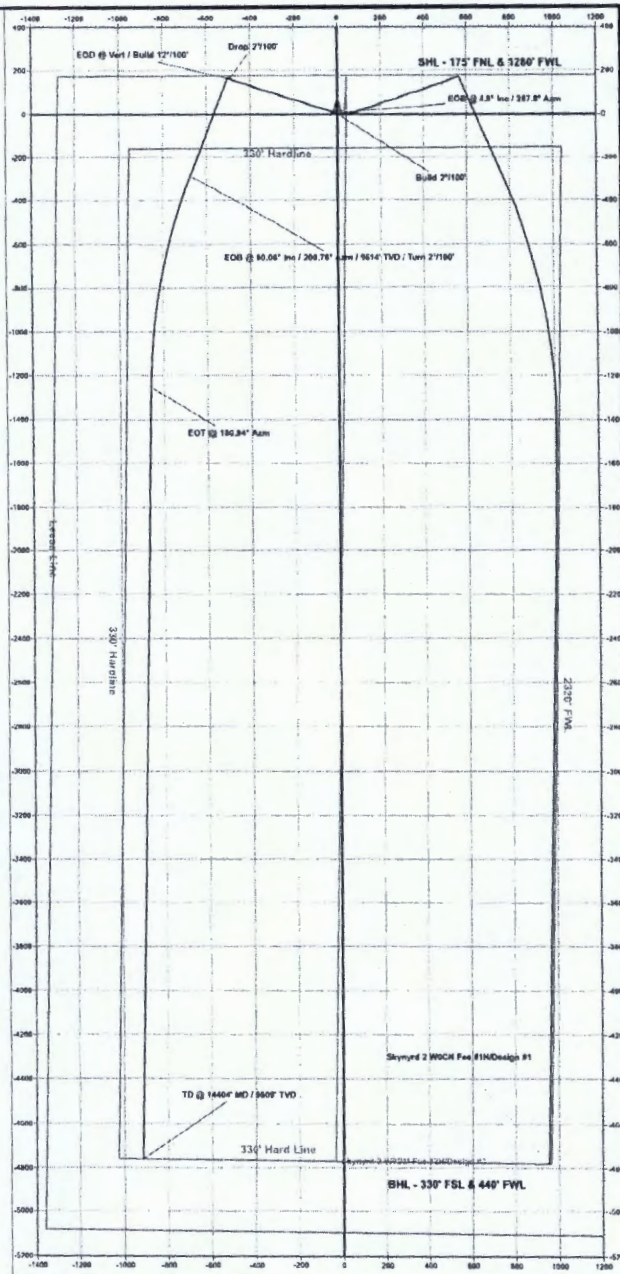
W-2	EJ-W	Northings	Eastings	Latitude	Longitude
0.0	0.0	496162.78	829064.78	32° 15' 13.885 N	104° 3' 44.953 W

PROJECT DETAILS: Eddy County, New Mexico (Nad 83)

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level



ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	V-Set	Departure	Annotation	
2600.0	0.00	0.00	2600.0	0.0	0.0	0.0	0.0	Build 2°/100'	
2840.0	4.80	287.80	2839.7	3.1	-9.6	-1.2	10.8	EOB @ 4.8° Inc / 287.8° Azm	
8918.4	4.80	287.80	8896.8	158.6	-493.8	-42.3	518.7	Drop 2°/100'	
9158.4	0.00	0.00	9158.5	161.6	-503.4	-63.5	529.7	EOB @ Vert / Build 12°/100'	
9908.9	90.06	206.76	9614.0	-285.3	-672.8	407.4	1006.7	EOB @ 90.06° Inc / 206.76° Azm / 9614° TVD / Turn 2°/100'	
10699.8	90.06	180.94	9612.9	-1253.6	-658.4	1393.3	1997.6	EDT @ 180.94° Azm	
14404.4	90.06	180.94	9609.0	-4757.8	-816.1	4845.2	5502.2	TD @ 14404' MD / 9609' TVD	



Vertical Section at 190.90° (200 uft/in)



Mewbourne Oil Company

Eddy County, New Mexico (Nad 83)

Sec 2, T24S, R28E

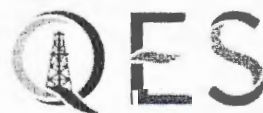
Skynyrd 2 W0DM Fee #2H

Wellbore #1

Plan: Design #2

QES Well Planning Report

10 July, 2018



Company Name: Mewbourne Oil Company
 Skynrd 2 WDM Fee #2H
 Eddy County, New Mexico (Nad 83)
 Rig: Patterson #243
 Created By: Shane Robbins
 Date: 7/6/2018

Skynrd 2 WDM Fee #2H
 Eddy County, New Mexico (Nad 83)
 Q180*** & WT-180***
 Design #2



Azimuths to Grid North

Correction: 6.93°

Magnetic Field

Strength: 47798.3snT

Dip Angle: 60.00°

Date: 7/6/2018

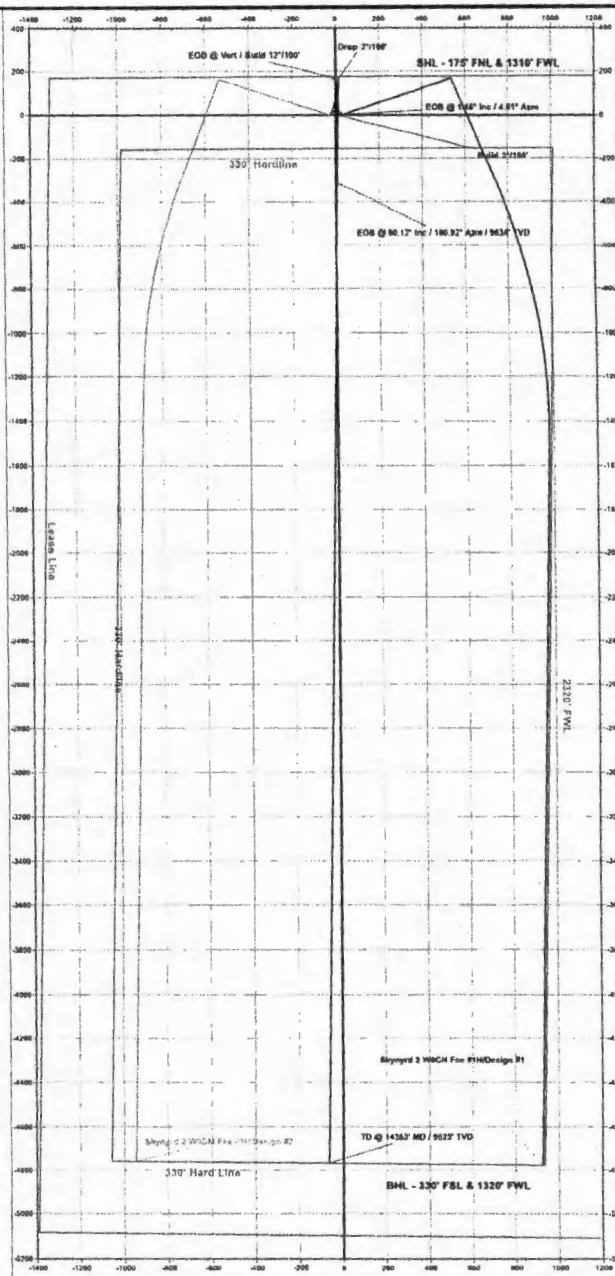
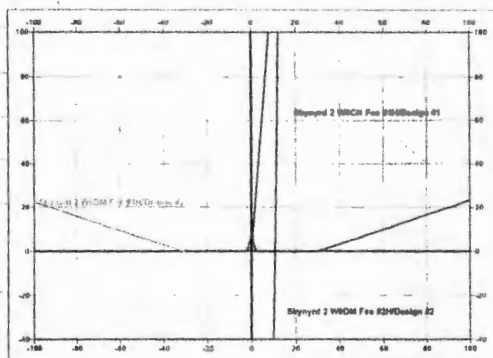
Model: IGRF2015

WELL DETAILS: Skynrd 2 WDM Fee #2H

+N-S	+U-W	Northing	Easting	Latitude	Longitude
0.0	0.0	456162.90	825094.66	32° 15' 13.596 N	104° 3' 44.605 W

PROJECT DETAILS: Eddy County, New Mexico (Nad 83)

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level



ANNOTATIONS

MD	Inc	Azi	TVD	+N-S	+E-W	VSecDeparture	Annotation
2600.0	0.00	0.00	2600.0	0.0	0.0	0.0	Build 2°110°
2673.1	1.48	4.61	2673.1	0.9	0.1	-0.9	EOB @ 1.48° Inc / 4.61° Azm
9085.6	1.48	4.61	9083.4	164.0	13.2	-164.2	Drop 2°110°
9158.6	0.00	4.61	9158.5	164.5	13.3	-165.1	EOB @ Vert / Build 12°110°
9903.0	90.12	180.92	9834.0	-313.5	5.6	313.4	EOB @ 90.12° Inc / 180.92° Azm / 9834° TVD
14363.1	90.12	180.92	9625.0	-4766.4	-66.2	4766.8	TD @ 14363° MD / 9625° TVD

Vertical Section at 180.80° (200 usft/in)