

API NUMBER: 051 24416

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

Approval Date: 07/18/2018
Expiration Date: 01/18/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 8N Rge: 7W County: GRADY
SPOT LOCATION: NE NE NE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 2591 273

Lease Name: SKAGGS

Well No: 1-12-1XHM

Well will be 273 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269000
OKLAHOMA CITY, OK 73126-9000

DAVID & TERRI SKAGGS
223 E TYLER DR
TUTTLE OK 73089

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 MISSISSIPPIAN	12396	6	
2 WOODFORD	12546	7	
3		8	
4		9	
5		10	

Spacing Orders: 678717

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804677
201804674
201804676

Special Orders:

Total Depth: 20030

Ground Elevation: 1248

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 430

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 2000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34794

H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

HORIZONTAL HOLE 1

Sec 01 Twp 8N Rge 7W County GRADY

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 11402

Radius of Turn: 477

Direction: 359

Total Length: 7879

Measured Total Depth: 20030

True Vertical Depth: 12546

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

6/22/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

6/22/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

MEMO

6/22/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201804674

6/25/2018 - G58 - (E.O.)(640)(HOR) 1-8N-7W
VAC OTHERS
EXT 650938 MSSP, WDFD, OTHERS
COMPL. INT. (MSSP) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
REC 7/10/2018 (FOREMAN)

This permit does not address the right of entry or settlement of surface damages.

051 24416 SKAGGS 1-12-1XHM

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
PENDING CD - 201804676	6/25/2018 - G58 - (E.O.) 12 & 1-8N-7W EST MULTIUNIT HORIZONTAL WELL X678717 MSSP, WDFD 12-8N-7W X201804674 MSSP, WDFD 1-8N-7W (WDFD IS ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 35% 12-8N-7W 65% 1-8N-7W NO OP. NAMED REC 7/10/2018 (FOREMAN)
PENDING CD - 201804677	6/25/2018 - G58 - (E.O.) 12 & 1-8N-7W X678717 MSSP, WDFD 12-8N-7W X201804674 MSSP, WDFD 1-8N-7W COMPL. INT. (12-8N-7W) NCT 1320' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (1-8N-7W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC 7/10/2018 (FOREMAN)
SPACING - 678717	6/25/2018 - G58 - (640)(HOR) 12-8N-7W EST MSSP, WDFD, OTHER COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NCT 330' FEL & FWL

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 12-8N-7W
BHL-1 1-8N-7W



051-24416

COVER SHEET

CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 * (T) 1-800-256-8955 (F) 405-234-9253

Section 12 Township 8N Range 7W I.M.

Well: SKAGGS 1-12-1XHM

County GRADY State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	SKAGGS 1-12-1XHM	672759	2003556	35° 10' 54.71" -97° 52' 57.68"	35.181865 -97.882689	2700' FNL / 273' FEL (SE/4 SEC 12)	1247.84'	1247.77'
LP-1	LANDING POINT	672759	2003499	35° 10' 54.71" -97° 52' 58.37"	35.181864 -97.882880	2700' FNL / 330' FEL (SE/4 SEC 12)	--	--
BHL-1	BOTTOM HOLE LOCATION	680638	2003511	35° 12' 12.64" -97° 52' 58.12"	35.203512 -97.882811	50' FNL / 330' FEL (NE/4 SEC 1)	--	--
X-1	DANIEL #1	678324	2002337	35° 11' 49.77" -97° 53' 12.29"	35.197158 -97.886748	1-8N-7W:SE4SW4NE4 TD: 7,630 232' FSL / 1,140' FWL	--	--

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	SKAGGS 1-12-1XHM	672717	2035153	35° 10' 54.49" -97° 52' 56.52"	35.181801 -97.882368	2700' FNL / 273' FEL (SE/4 SEC 12)	1247.84'	1247.77'
LP-1	LANDING POINT	672717	2035096	35° 10' 54.48" -97° 52' 57.21"	35.181801 -97.882558	2700' FNL / 330' FEL (SE/4 SEC 12)	--	--
BHL-1	BOTTOM HOLE LOCATION	680596	2035108	35° 12' 12.42" -97° 52' 56.96"	35.203449 -97.882488	50' FNL / 330' FEL (NE/4 SEC 1)	--	--
X-1	DANIEL #1	678282	2033934	35° 11' 49.54" -97° 53' 11.13"	35.197095 -97.886426	1-8N-7W:SE4SW4NE4 TD: 7,630 232' FSL / 1,140' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **--18
Date Drawn: 06-19-18



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	06-19-18	TJW	ISSUED FOR APPROVAL	--
01	06-20-18	TJW	REV'D BHL CALLOUT / IMAGES	REV'D EXHIBIT A1,D & E

EXHIBIT: B
SHEET: 8.5x11
SHL: 12-8N-7W
BHL-1 1-8N-7W

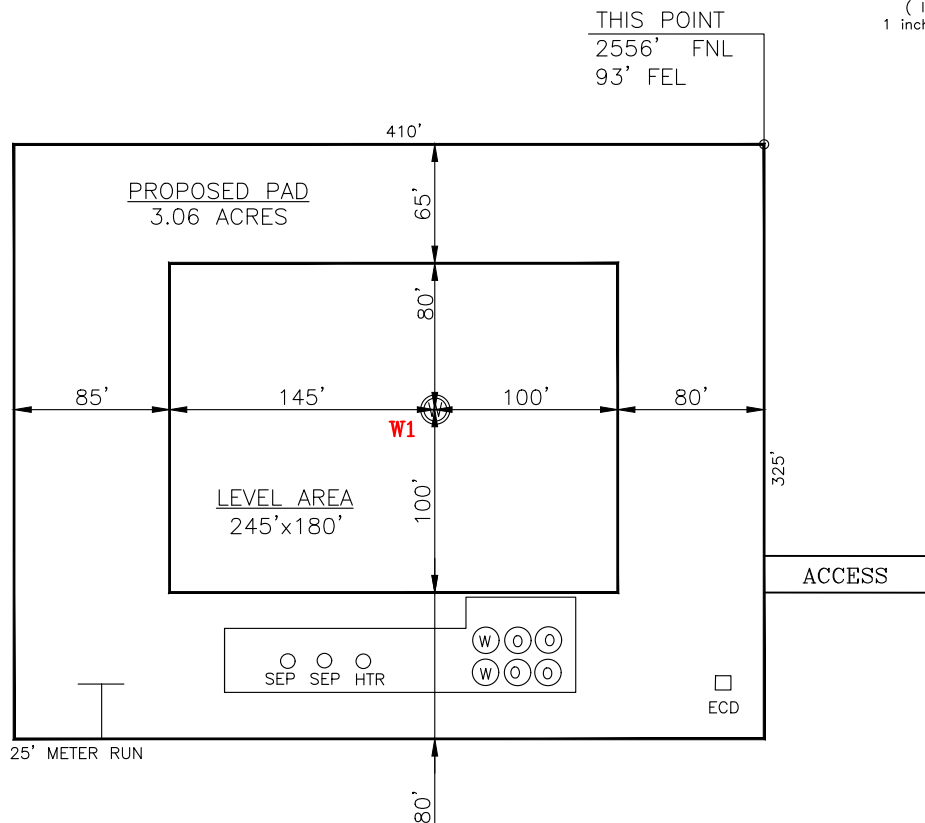
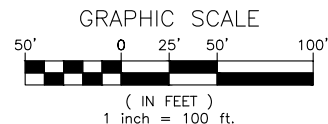
PETRO LAND SERVICES SOUTH, LLC

10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC
(OPERATOR)

GRADY County Oklahoma
2700' FNL-273' FEL Section 12 Township 8N Range 7W I.M.



CURRENT REV.: 1

DATUM: NAD-83

LAT: 35°10'54.71"

LONG: -97°52'57.68"

LAT: 35.181865°

LONG: -97.882689°

STATE PLANE
COORDINATES
(US FEET): OK SOUTH

X: 2003556

Y: 672759

Operator: CONTINENTAL RESOURCES, INC.

Lease Name: --

Topography & Vegetation: Pasture

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set: No

Best Accessibility to Location: From The East Line

Distance & Direction From Hwy. or Town: Follow N-2870 Rd. north out of Amber, OK for 1.23 miles to the proposed access road on the west side of N-2870 Rd.

THE INFORMATION SHOWN HEREIN IS FOR
CONSTRUCTION PURPOSES ONLY

LANDING POINT, BOTTOM HOLE AND DRILL PATH
INFORMATION PROVIDED BY OPERATOR LISTED,
NOT SURVEYED.

Well W1: SKAGGS 1-12-1XHM

Well --: --

(This Information Was Gathered
With a GPS Receiver With ±1
Foot Horiz./Vert. Accuracy)

Certificate of Authorization No. 7318



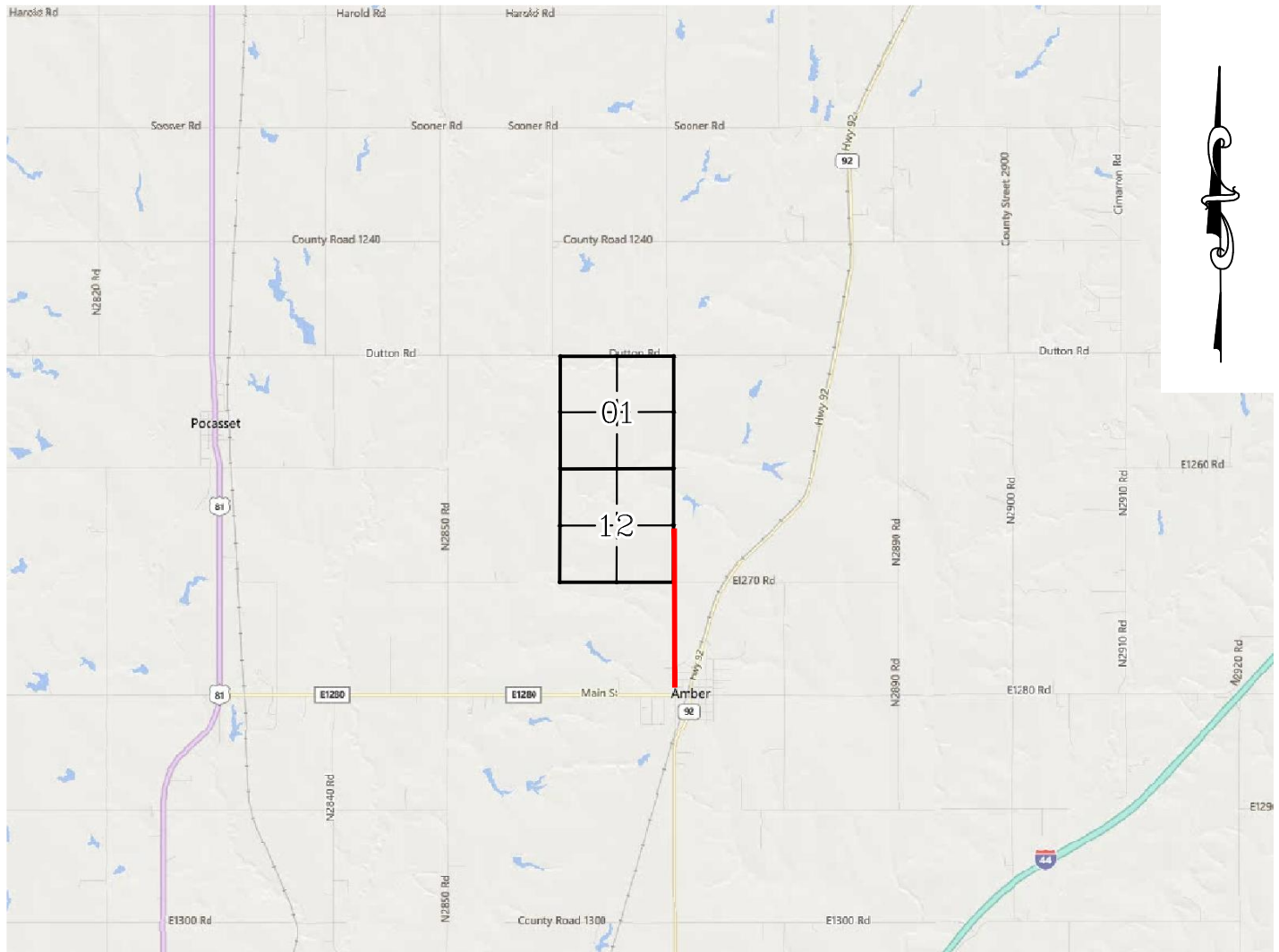
Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

EXHIBIT: C
SHEET: 8.5x11
SHL: 12-8N-7W
BHL-1 1-8N-7W



GRAPHIC SCALE
4,000' 0 4,000' 8,000'
(IN FEET)
1 inch = 8,000 ft.

VICINITY MAP



FOLLOW N-2870 RD. NORTH OUT OF AMBER, OK FOR 1.23 MILES TO THE PROPOSED ACCESS ROAD ON THE WEST SIDE OF N-2870 ROAD.

CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 * (T) 1-800-256-8955 (F) 405-234-9253

Certificate of Authorization No. 7318

Section 12 Township 8N Range 7W I.M. Well W1: SKAGGS 1-12-1XHM

Date Staked: **--**--18

County GRADY State OK Well --: --



Prepared By:
Petro Land Services South
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Suite C
Oklahoma City, OK 73120

Operator CONTINENTAL RESOURCES, INC.

CURRENT REV.: 1

EXHIBIT: D
SHEET: 8.5x11
SHL: 12-8N-7W
BHL-1 1-8N-7W

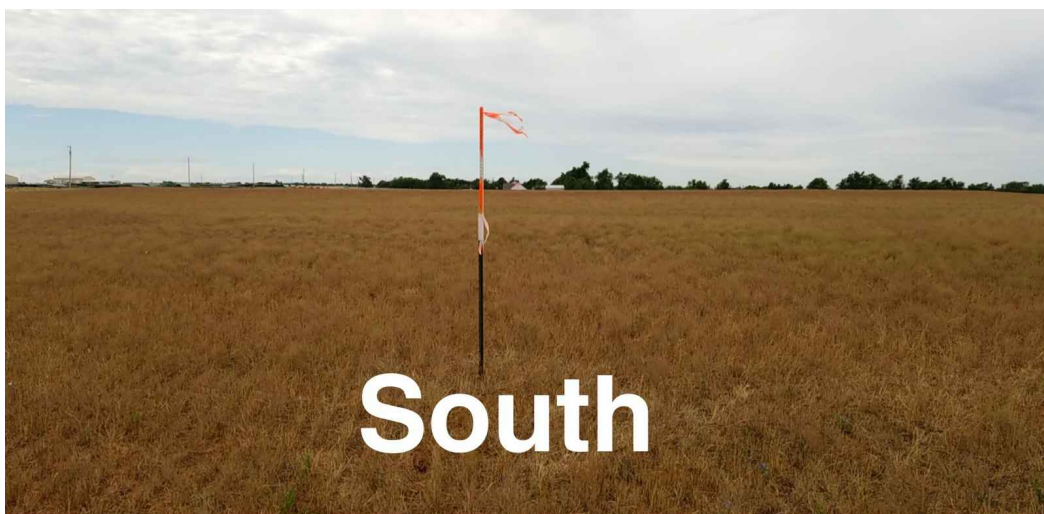


WELL W1: SKAGGS 1-12-1XHM
WELL --: --

FACING NORTH



FACING SOUTH



CURRENT REV.: 1



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

TERRAIN

DRAWN BY:	TJW	SCALE:	N.T.S.
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	TERRAIN-1
DATE ISSUED:	06-19-18	SHEET:	1 OF 2

EXHIBIT: E
SHEET: 8.5x11
SHL: 12-8N-7W
BHL-1 1-8N-7W



WELL W1: SKAGGS 1-12-1XHM
WELL --: --

FACING EAST



FACING WEST



CURRENT REV.: 1



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Oklahoma City, OK 73120

TERRAIN

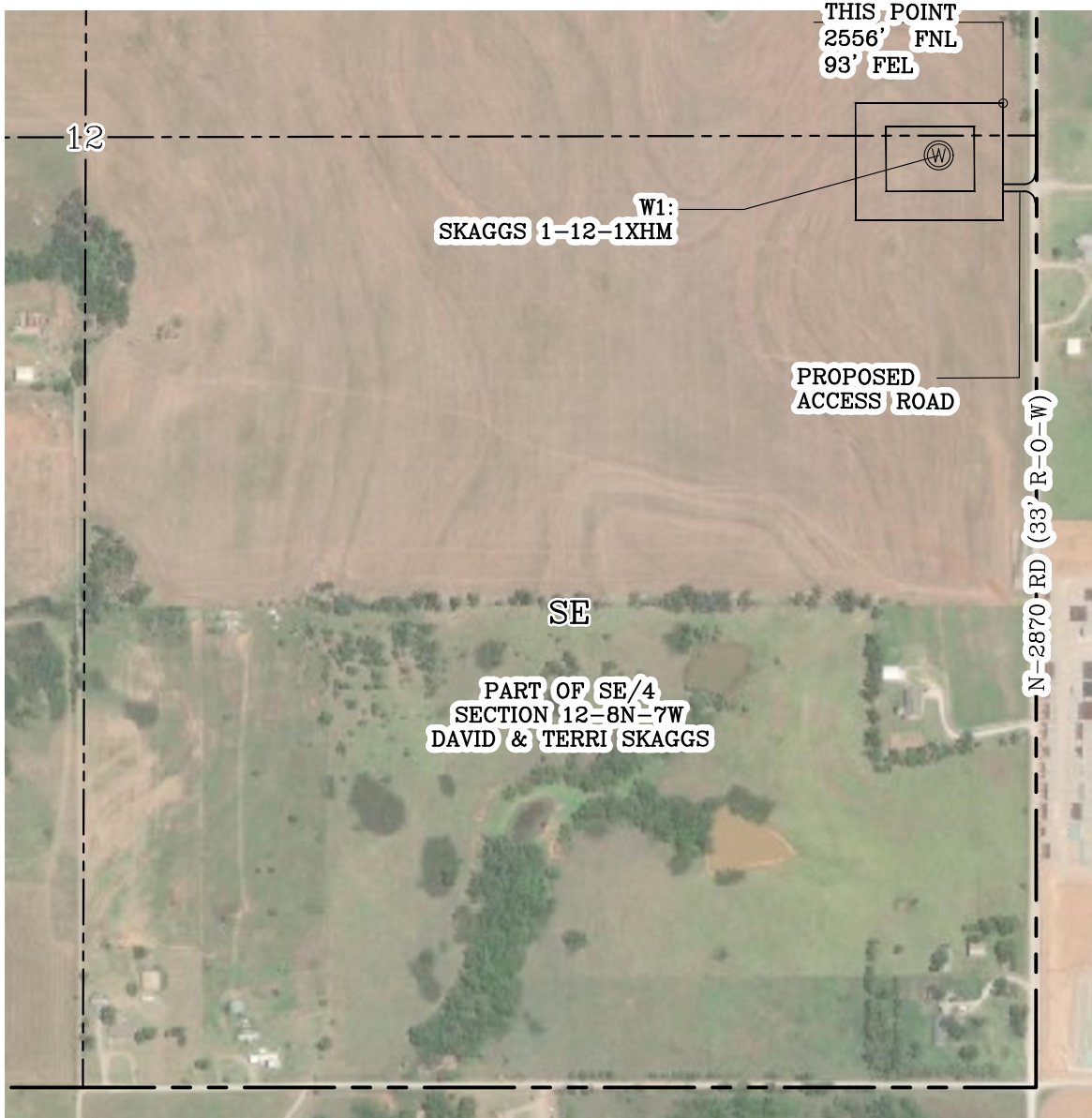
DRAWN BY:	TJW	SCALE:	N.T.S.
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	TERRAIN-2
DATE ISSUED:	06-19-18	SHEET:	2 OF 2

EXHIBIT: F
SHEET: 8.5x11
SHL: 12-8N-7W
BHL-1 1-8N-7W



WELL W1: SKAGGS 1-12-1XHM
WELL --: --

PROPOSED ACCESS ROAD = 93' | 5.64 RODS (TOTAL)

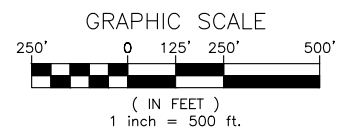


GPS DATUM - OK SOUTH ZONE
US FEET SCALE: 1" = 500'

Section 12 Township 8N Range 7W I.M.

County GRADY State OK

Operator CONTINENTAL RESOURCES, INC.



CURRENT REV.: 1



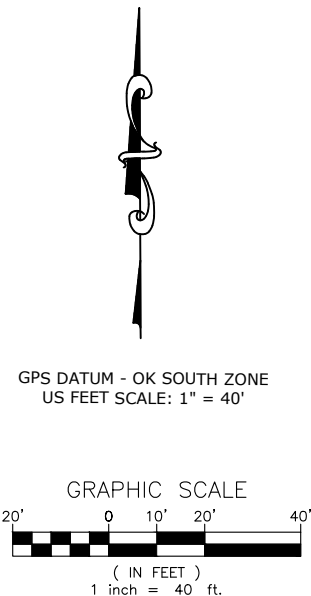
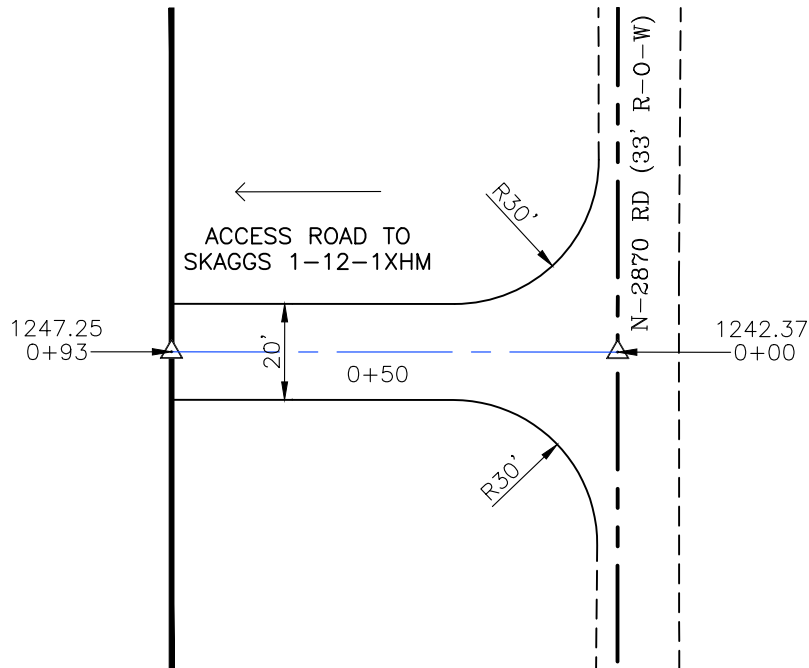
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Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

AERIAL PLAT

DRAWN BY:	TJW	SCALE:	1" = 500'
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	AERIAL-1
DATE ISSUED:	06-19-18	SHEET:	1 OF 4

EXHIBIT: G
 SHEET: 8.5x11
 SHL: 12-8N-7W
 BHL-1 1-8N-7W

SE/4
 SECTION 12-8N-7W
 DAVID & TERRI SKAGGS

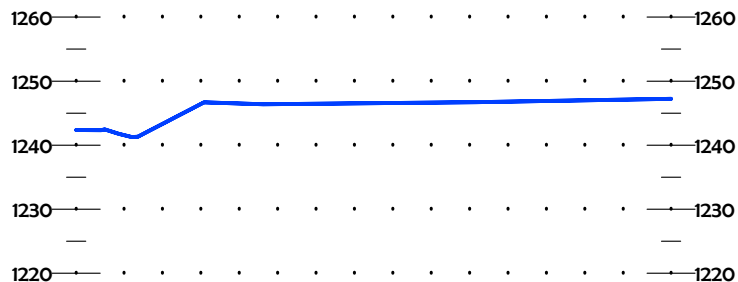
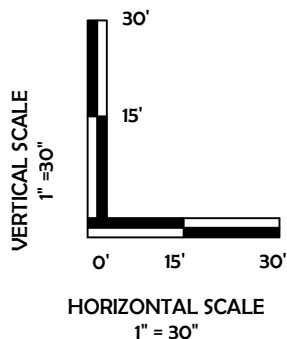


- * THIS PROPOSED LEASE ROAD PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.
- * THE FOOTAGES AND TIES SHOWN HEREON ARE FROM LINES OF OCCUPATION AND MAY NOT BE FROM ACTUAL PROPERTY CORNERS.

Well W1: SKAGGS 1-12-1XHM

Well --: --

PROPOSED ACCESS ROAD = 93' | 5.64 RODS (TOTAL)



CURRENT REV.: 1



Prepared By:
 Petro Land Services South
 10400 Vineyard Blvd.
 Suite C
 Oklahoma City, OK 73120



P.O. Box 26900
 Oklahoma City
 Oklahoma, 73126
 (T) 1-800-256-8955
 (F) 405-234-9253

LEASE ROAD
 PLAN &
 PROFILE

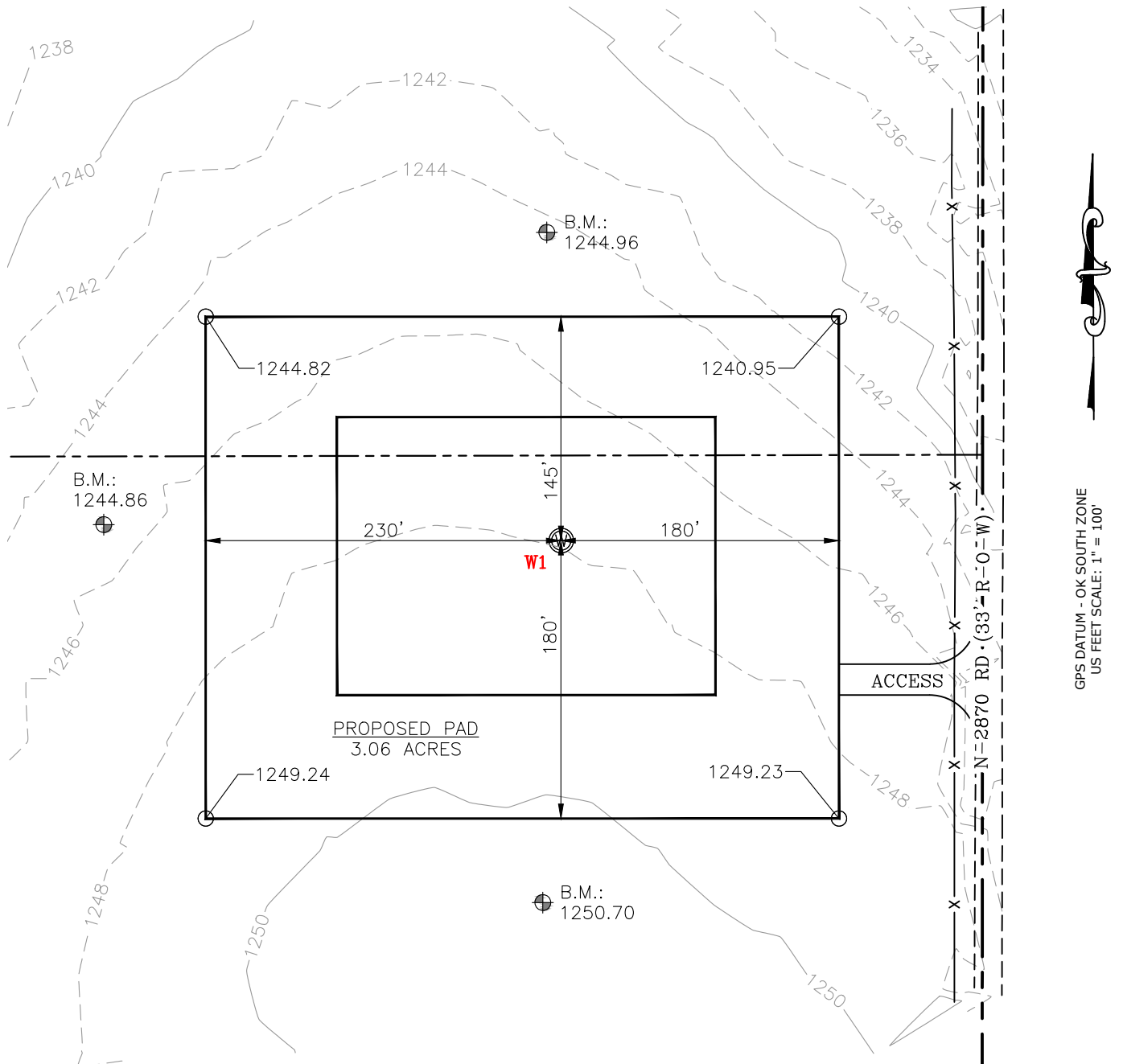
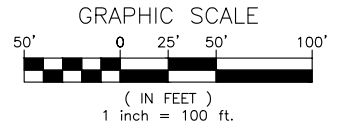
DRAWN BY:	TJW	SCALE:	AS NOTED
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	P&P
DATE ISSUED:	06-19-18	SHEET:	2 OF 4

EXHIBIT: H
 SHEET: 8.5x11
 SHL: 12-8N-7W
 BHL-1: 1-8N-7W



WELL W1: SKAGGS 1-12-1XHM

WELL --: --



CURRENT REV.: 1



Prepared By:
 Petro Land Services South
 10400 Vineyard Blvd.
 Suite C
 Oklahoma City, OK 73120

EXISTING GRADING PLAN

DRAWN BY:	TJW	SCALE:	1" = 100'
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	EX-GR.
DATE ISSUED:	06-19-18	SHEET:	3 OF 4

