	OIL & GAS C	PRPORATION COMMISSION	Approval Date: 03/18/2019		
PI NUMBER: 049 25280		O. BOX 52000 A CITY, OK 73152-2000	Expiration Date: 09/18/2020		
rizontal Hole Oil & Gas Iti Unit		ule 165:10-3-1)			
	PE	RMIT TO DRILL			
	W County: GARVIN				
WELL LOCATION: Sec: 17 Twp: 3N Rge: 4	j				
SPOT LOCATION: NW NE NE	SECTION LINES: 275	RTH FROM EAST 1000			
Lease Name: BOWSER 0304	Well No: 2-8	-5SXH Wel	II will be 275 feet from nearest unit or lease boundary.		
Operator MARATHON OIL COMPANY Name:		Telephone: 4057205508	OTC/OCC Number: 1363 0		
MARATHON OIL COMPANY		LILLIE DAVIS			
7301 NW EXPRESSWAY STE 225		PO BOX 674			
OKLAHOMA CITY, OK	73132-1590		01/ 70050		
		LINDSAY	OK 73052		
2 3 4 5		7 8 9 10			
Spacing Orders: 671679 671680	Location Exception Orde	erS:	Increased Density Orders:		
Pending CD Numbers: 201900592 201900593			Special Orders:		
Total Depth: 20565 Ground Elevation: 1	¹⁴² Surface Cas	ing: 1500	Depth to base of Treatable Water-Bearing FM: 300		
Under Federal Jurisdiction: No	Fresh Water Sup	ply Well Drilled: No	Surface Water used to Drill: Yes		
PIT 1 INFORMATION		Approved Method for dispose	al of Drilling Fluids:		
Type of Pit System: CLOSED Closed System Means	Steel Pits				
Type of Mud System: WATER BASED		D. One time land application	n (REQUIRES PERMIT) PERMIT NO: 19362		
Chlorides Max: 5000 Average: 3000		H. SEE MEMO			
Is depth to top of ground water greater than 10ft below b	ase of pit? Y				
Within 1 mile of municipal water well? N					
Wellhead Protection Area? N					
Pit is located in a Hydrologically Sensitive Area.					
Ontonio di Dita I O					
Category of Pit: C					
Liner not required for Category: C					

 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 located in a Hydrologically Sensitive Area.

 Category of Pit:
 C

 Liner not required for Category: C
 C

 Pit Location is
 BED AQUIFER

 Pit Location Formation:
 DUNCAN

HORIZONTAL HOLE 1

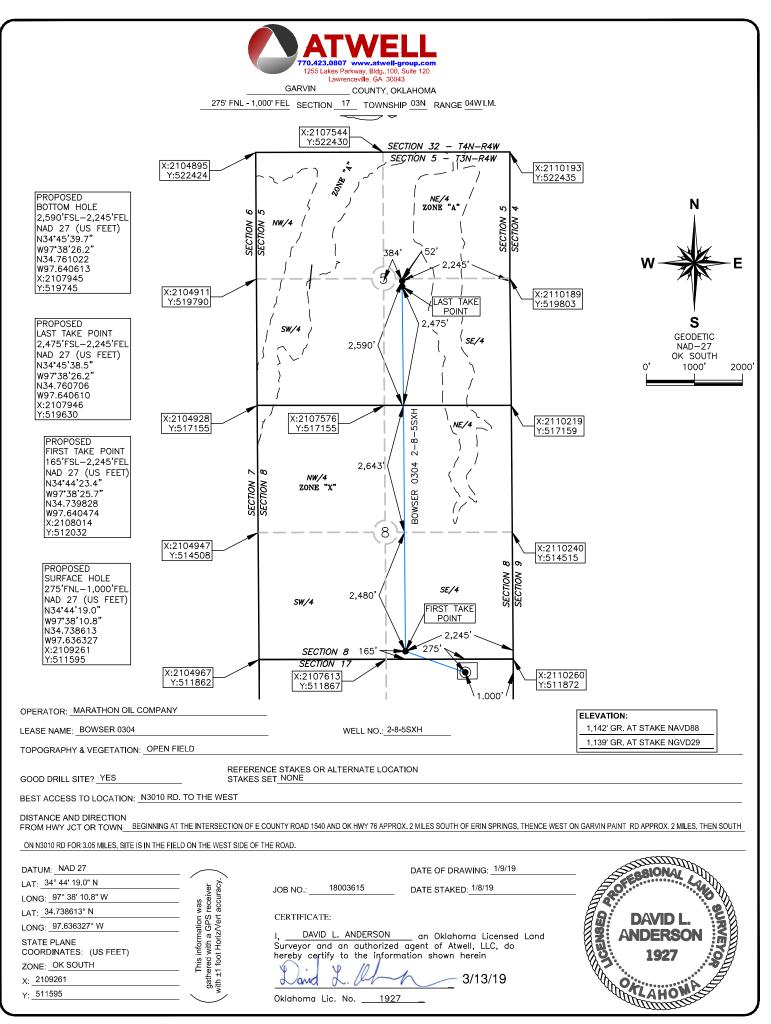
Sec	05	Twp	3N	Rge	4W	County	GARVIN
Spot I	Locatior	of En	d Point:	: NE	E NV	V NW	SE
Feet F	From:	SOL	JTH [·]	1/4 Seo	ction Lin	ne: 25	590
Feet F	From:	EAS	т	1/4 Se	ction Lir	ne: 22	245
Depth of Deviation: 12303							
Radius of Turn: 803							
Direction: 350							
Total Length: 7000							
Measured Total Depth: 20565							
True Vertical Depth: 13047							
End Point Location from Lease,							
Unit, or Property Line: 2245							

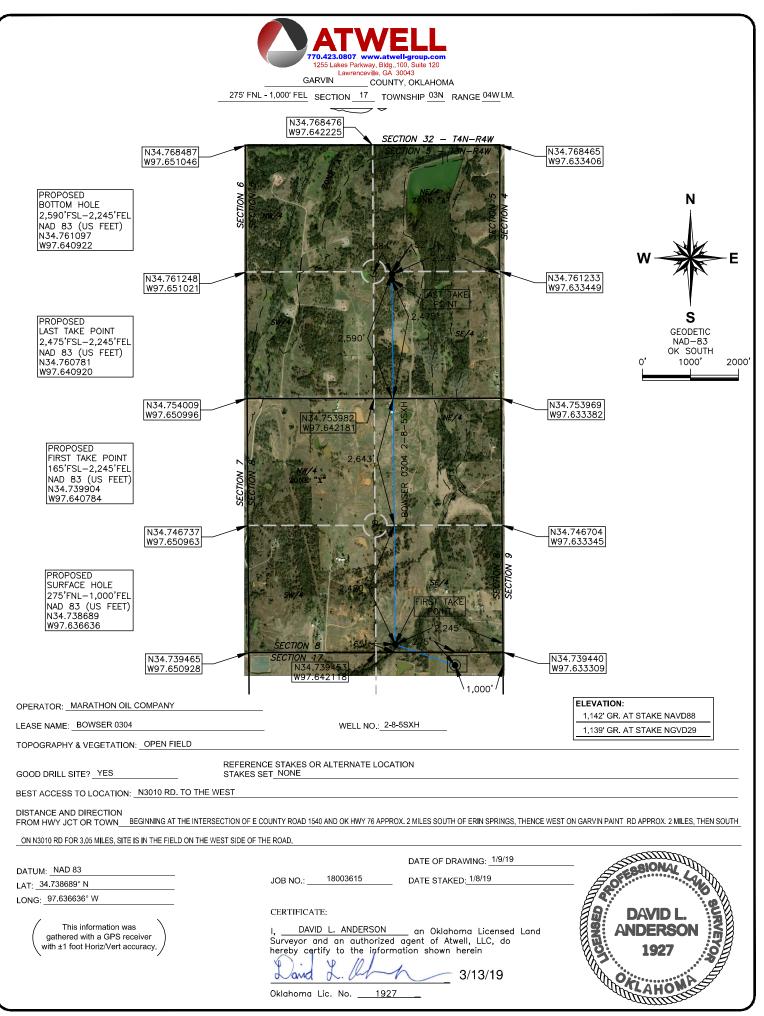
Notes:		
Category	Description	
DEEP SURFACE CASING	2/4/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SUI SURFACE CASING	
HYDRAULIC FRACTURING	2/4/2019 - G71 - OCC 165:10-3-10 REQUIRES:	
	1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURIN WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE WELLS COMPLETED IN THE SAME COMMON SOURCE OF S	TO OFFSET OPERATORS WITH
	2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF H WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL D "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,	
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURI TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLO	THE CONCLUSION THE
МЕМО	2/4/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS F OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER	
PENDING CD - 201900592	3/13/2019 - GB1 - (I.O.) 5 & 8-3N-4W EST MULTIUNIT HORIZONTAL WELL X671679 SPRG 5-3N-4W X671680 SPRG 8-3N-4W 33% 5-3N-4W 67% 8-3N-4W MARATHON OIL COMPANY REC. 3/11/2019 (THOMAS)	
This permit does not address the right	of entry or settlement of surface damages	049 25280 BOWSER 0304 2-8-5SXH

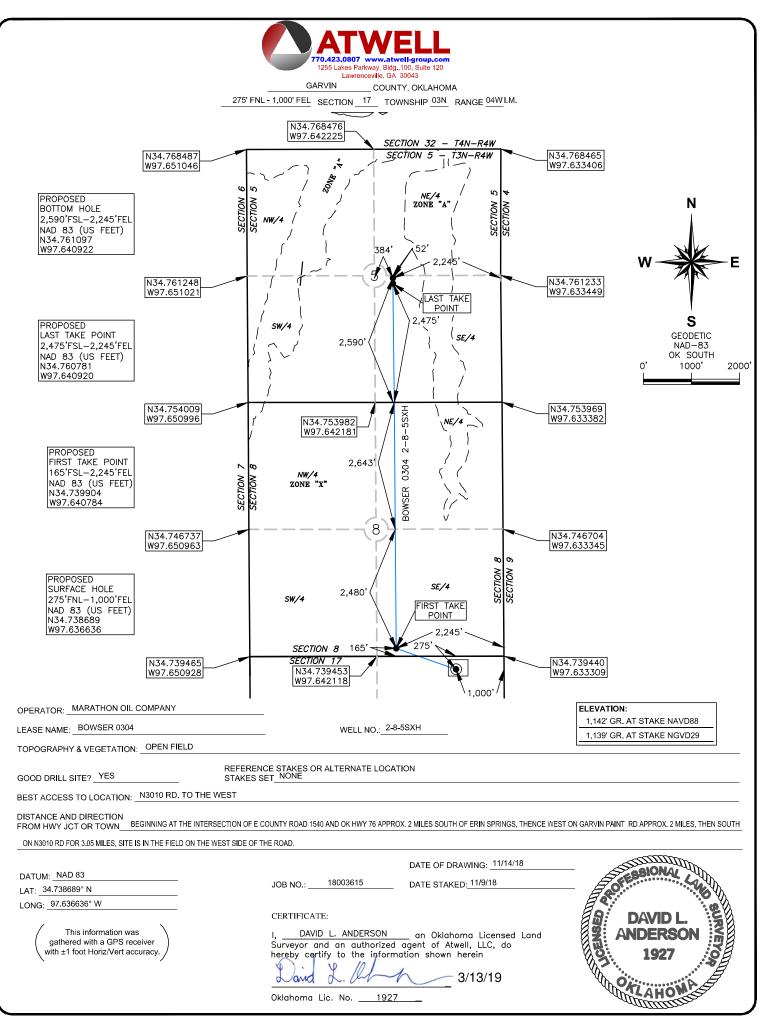
049 25280 BOWSER 0304 2-8-5SXH

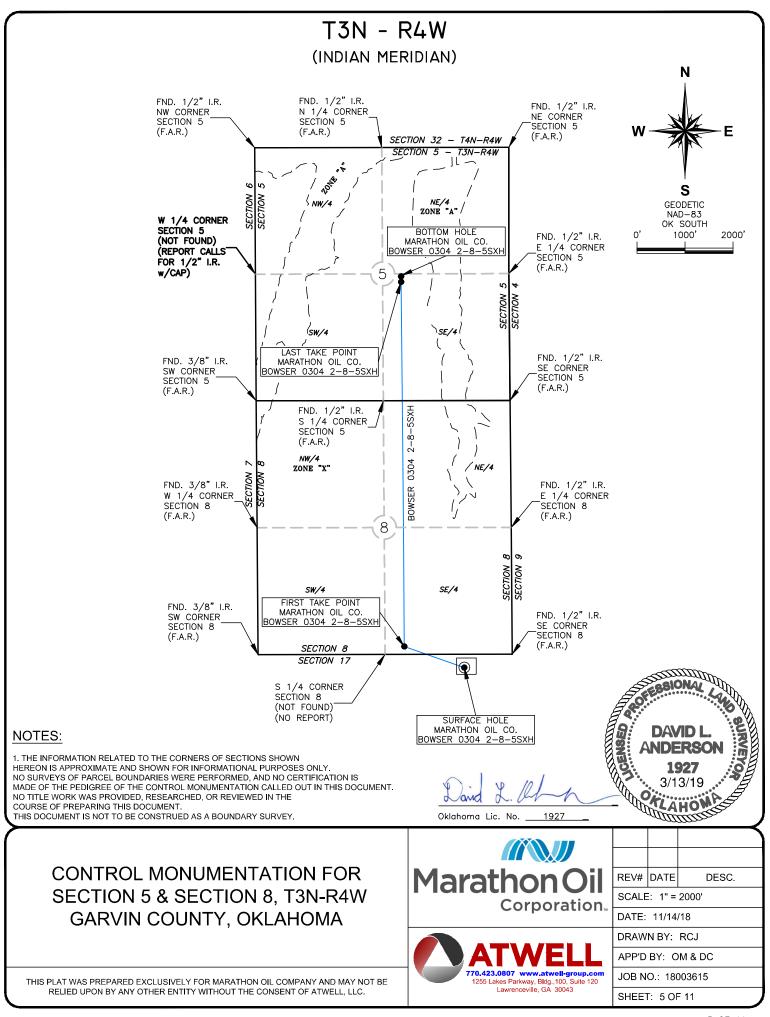
Category	Description
PENDING CD - 201900593	3/13/2019 - GB1 - (I.O.) 5 & 8-3N-4W X671679 SPRG 5-3N-4W X671680 SPRG 8-3N-4W COMPL. INT. (8-3N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL, NCT 330' FWL COMPL. INT. (5-3N-4W) NCT 0' FSL, NCT 1320' FNL, NCT 330' FEL, NCT 330' FWL MARATHON OIL COMPANY REC. 3/11/2019 (THOMAS)
SPACING - 671679	3/13/2019 - GB1 - (640)(HOR) 5-3N-4W EXT 658538/659832/663306 SPRG, OTHERS COMPL. INT. NLT 660' FB
SPACING - 671680	3/13/2019 - GB1 - (640)(HOR) 8-3N-4W EXT 658538/659832/663306 SPRG, OTHERS COMPL. INT. NLT 660' FB

<u> </u>				
API 049-25280)	70.423,0807 www.atwell-gro 1255 Lakes Parkway, Bldg100, S Lawrenceville, GA 30043 GARVIN COUNTY, OKL		
	275	5' FNL - 1,000' FEL SECTION 17 TOWNSHIP		
		X:2107544 Y:522430	1 32 – T4N-R4W	
	X:2104895 Y:522424		X:211 Y:522	
PROPOSED BOTTOM HOLE 2,590'FSL-2,245'FEL NAD 27 (US FEET) N34'45'39.7" W97'38'26.2" N34.761022 W97.640613 X:2107945 Y:519745	X:2104911	Eccritor 6	The second secon	N W E
PROPOSED LAST TAKE POINT 2,475'FSL-2,245'FEL NAD 27 (US FEET) N34'45'38.5" W97'38'26.2" N34.760706 W97.640610	Y:519790	5" 2,590' 22		
X:2107946 Y:519630	X:2104928	X 2107576	X:211	0210
PROPOSED FIRST TAKE POINT 165'FSL-2,245'FEL NAD 27 (US FEET) N34'44'23.4" W97'38'25.7" N34.739828 W97.640474 X:2108014 Y:512032	Y:517155	Section 2 Section 6 Section 6 Section 6 Section 6 Section 7 Section 7 Sectio	R NOLLAR	
PROPOSED SURFACE HOLE 275'FNL-1,000'FEL NAD 27 (US FEET) N34'44'19.0" W97'38'10.8" N34.738613 W97.636327 X:2109261 Y:511595	X:2104947 Y:514508	STV4 2 480 SECTION 8 165 SECTION 12	56/4 TRST TAKE 011 2,245	
	X:2104967 Y:511862	X:2107613 Y:511867	Y:511	0260 1872
OPERATOR: MARATHON OIL COMP	ANY		(1,000'/	ELEVATION:
LEASE NAME: BOWSER 0304		WELL NO.: 2-8-5SXH		1,142' GR. AT STAKE NAVD88
TOPOGRAPHY & VEGETATION: _OPI	EN FIELD			1,139' GR. AT STAKE NGVD29
GOOD DRILL SITE? YES	REFER STAKE	ENCE STAKES OR ALTERNATE LOCATION S SET <u>NONE</u>		
BEST ACCESS TO LOCATION: N301	0 RD. TO THE WEST			
DISTANCE AND DIRECTION FROM HWY JCT OR TOWN BEGINNI	NG AT THE INTERSECTION OF	E COUNTY ROAD 1540 AND OK HWY 76 APPROX. 2 MILES S	SOUTH OF ERIN SPRINGS, THENCE WEST	ON GARVIN PAINT RD APPROX. 2 MILES, THEN SOUTH
ON N3010 RD FOR 3.05 MILES, SITE IS IN TH	E FIELD ON THE WEST SIDE O	IF THE ROAD.		
DATUM: NAD 27 LAT: 34° 44' 19.0" N LONG: 97° 38' 10.8" W LAT: 34.738613° N	This information was gathered with a GPS receiver with ±1 foot Horiz/Vert accuracy.		OF DRAWING: <u>1/9/19</u> STAKED: <u>1/8/19</u>	
LONG: 97.636327° W	a GPS iz/Vert	CERTIFICATE:		DAVID L.
STATE PLANE COORDINATES: (US FEET)	s inform d with a of Hori	Surveyor and an authorized agent o		2 ANDERSON
ZONE: <u>OK SOUTH</u> X: 2109261	This therec 1 fo	hereby certify to the information sh		
Y: <u>511595</u>	ge ge	Oklahoma Lic. No. <u>1927</u>		A CHILAHOWASS
				MILLIN

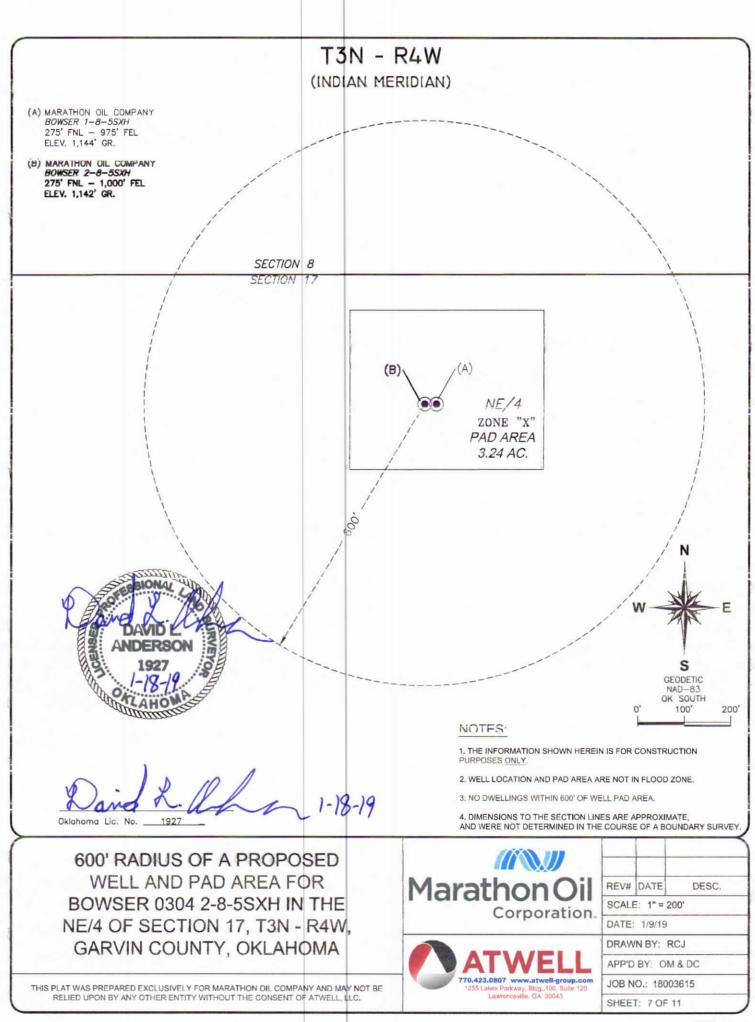


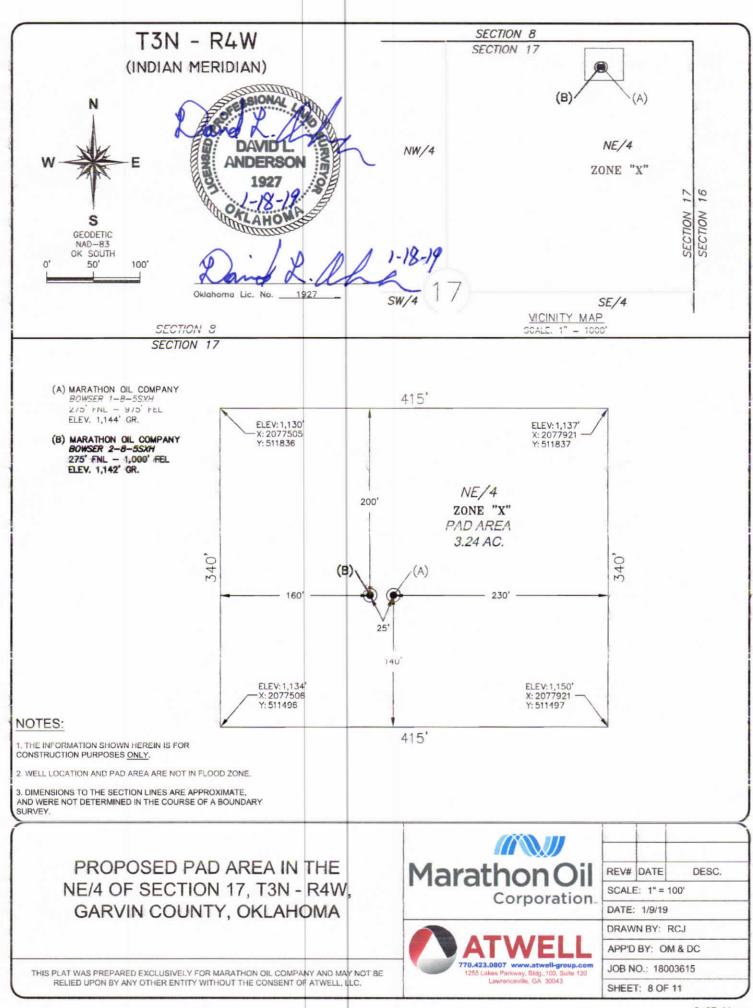


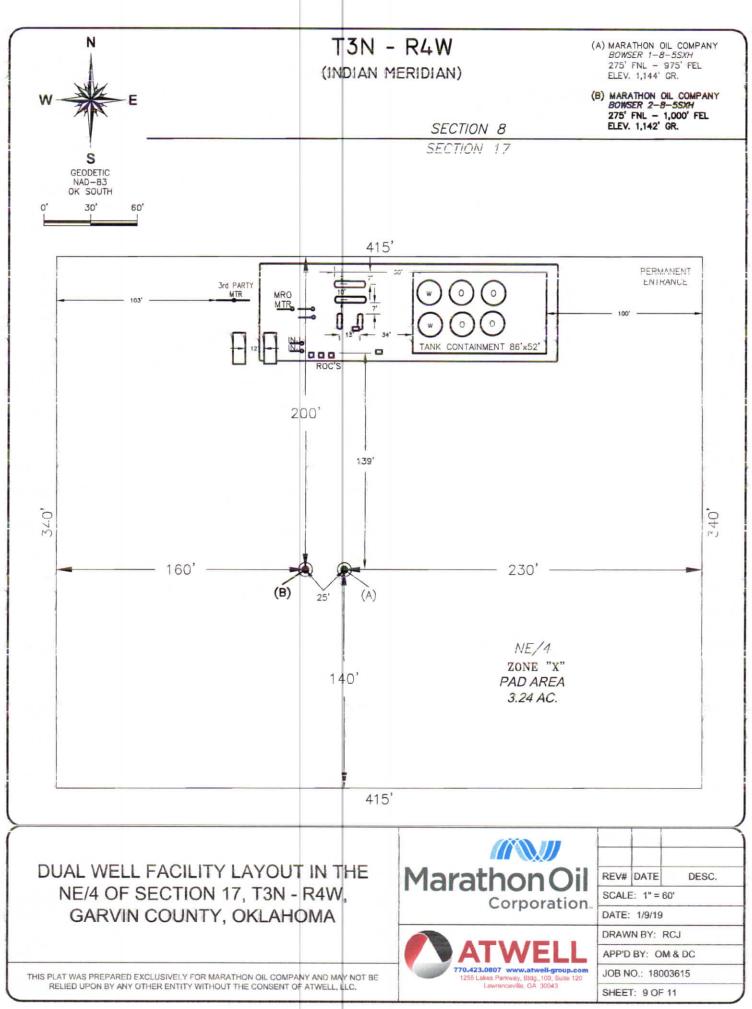




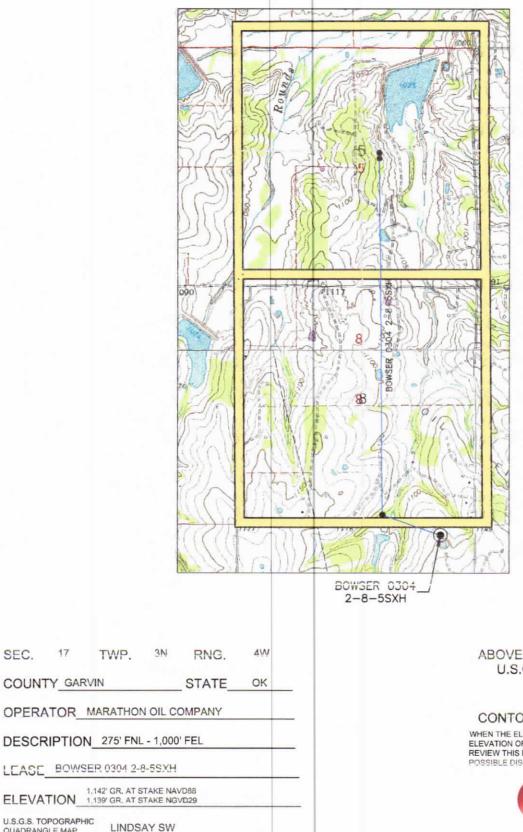








LOCATION & ELEVATION VERIFICATION MAP



SEC.

17

COUNTY GARVIN

U.S.G.S. TOPOGRAPHIC

QUADRANGLE MAP



ABOVE BACKGROUND DATA FROM U.S.G.S. TOPOGRAPHIC MAP SCALE: 1" = 2000'





15-Jan-2019 : 12:50 PM

