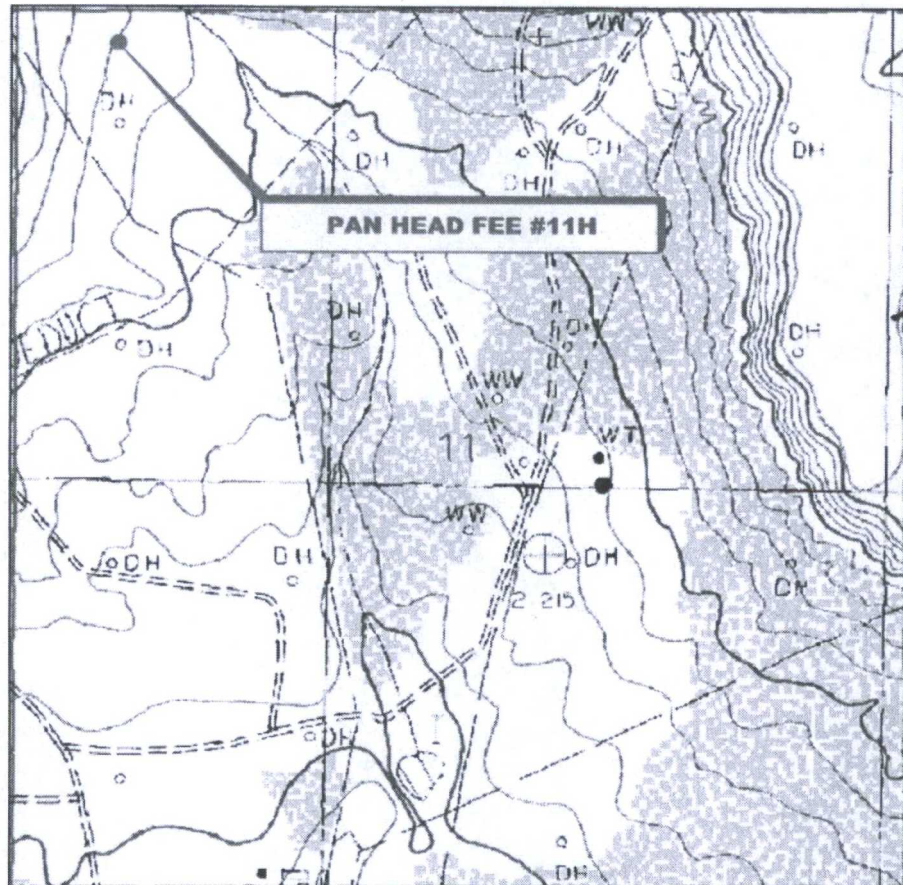


MAY 05 2016

LOCATION VERIFICATION MAP



SECTION 11, TWP. 17 SOUTH, RGE. 32 EAST,
N. M. P. M., LEA CO., NEW MEXICO

OPERATOR: COG Operating, LLC
LEASE: Pan Head Fee
WELL NO.: 11H
ELEVATION: 4170'

LOCATION: 195' FNL & 600' FWL
CONTOUR INTERVAL: 10'
USGS TOPO. SOURCE MAP:
Dog Lake, NM (P. E. 1985)

Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.: LS1508432R		
DWG. NO.: 1508432LVM		

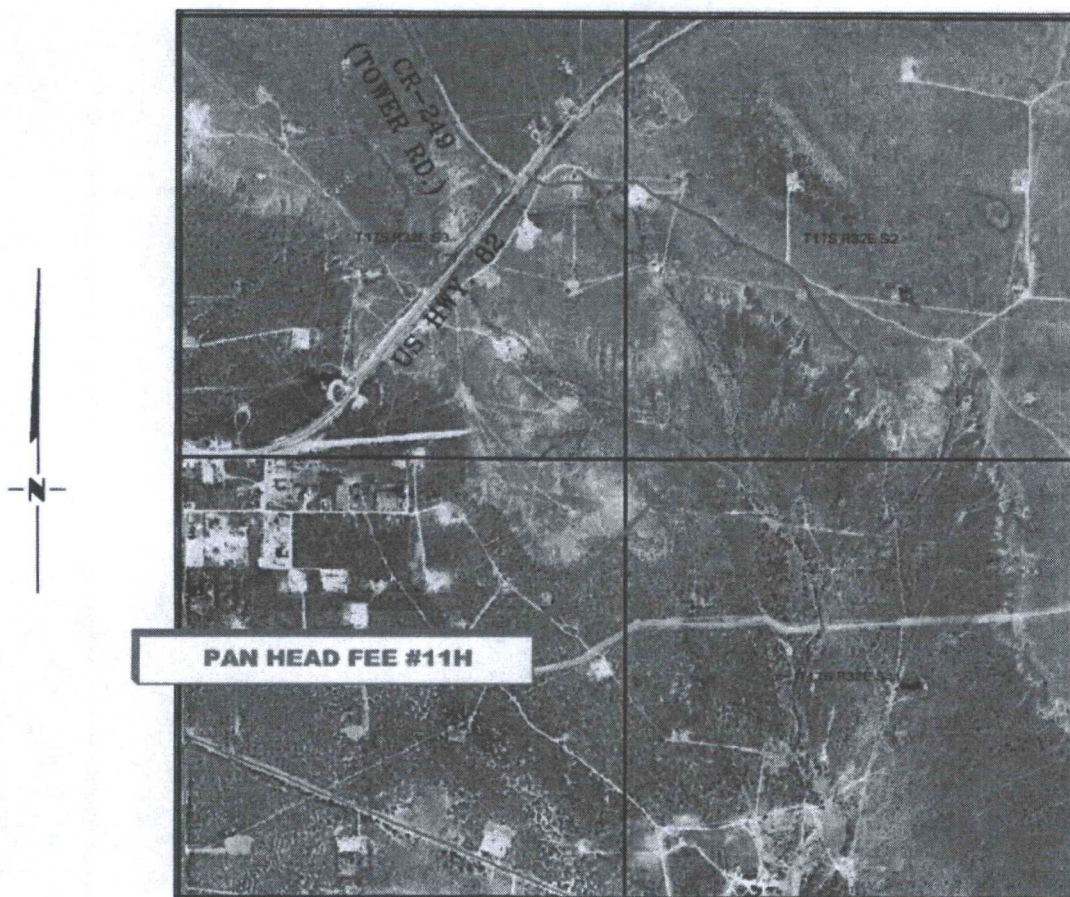
RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1"=1000'
DATE: 5-2-16
SURVEYED BY: BK
DRAWN BY: RMH
APPROVED BY: RMH
SHEET : 1 OF 1

VICINITY MAP

NOT TO SCALE



**SECTION 11, TWP. 17 SOUTH, RGE. 32 EAST,
N. M. P. M., LEA CO., NEW MEXICO**

OPERATOR: COG Operating, LLC
LEASE: Pan Head Fee
WELL NO.: 11H

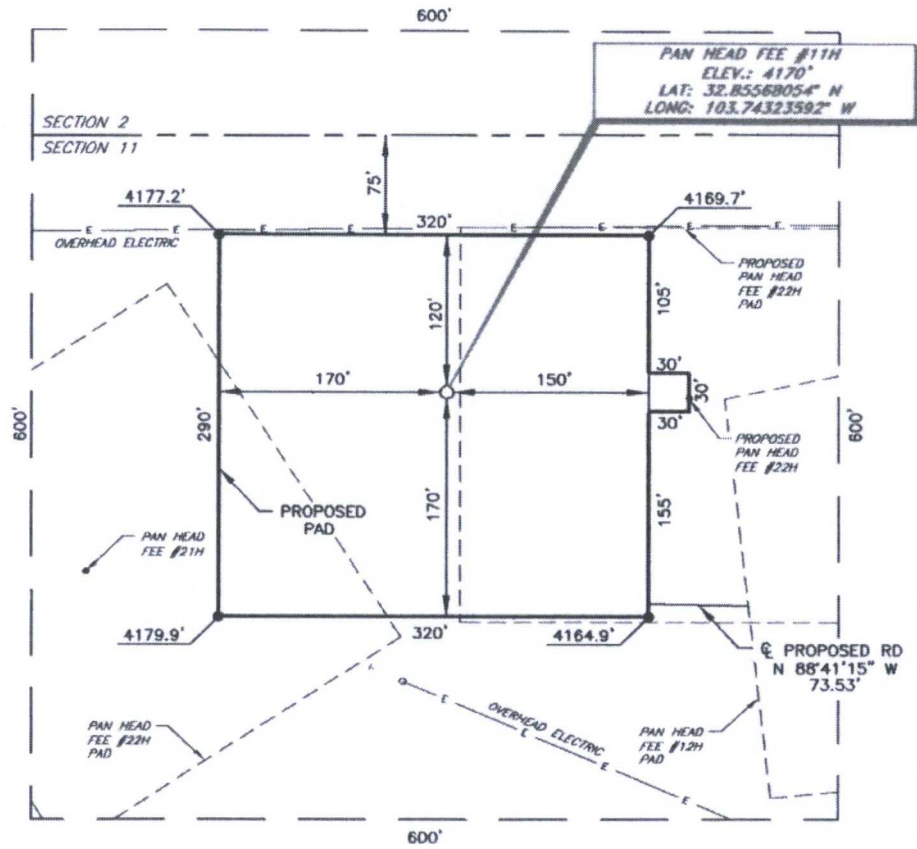
LOCATION: 195' FNL & 600' FWL
ELEVATION: 4170'

Firm No.: TX 10193838 NM 4655451

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			RRC 308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200	SCALE: NTS
				DATE: 5-2-2016
				SURVEYED BY: BK
				DRAWN BY: RMH
				APPROVED BY: RMH
NO.	REVISION	DATE		SHEET : 1 OF 1
JOB NO.: LS1508432R				
DWG. NO.: 1508432VM				

COG OPERATING, LLC
 PAN HEAD FEE #11H
 (195' FNL & 600' FWL)
 SECTION 11, T17S, R32E
 N. M. P. M., LEA CO., NEW MEXICO



DIRECTIONS TO LOCATION

From the intersection of U.S. Hwy. 82 and CR-249 (Tower Rd.);
 Go Northeast on US Hwy. 82 approx. 200 feet to a lease road on the right;
 Turn right and go Southeast approx. 0.9 miles to a lease road on the right;
 Turn right and go Southwest approx. 0.3 miles to a lease road on the right;
 Turn right and go West approx. 0.2 miles to the Pan Head Fee #12H;
 Location is approx. 413 feet Northwest of the Pan Head Fee #12H well location.

SCALE: 1" = 100'
 0 50 100
 BEARINGS ARE
 NAD 27 GRID - NM EAST
 DISTANCES ARE
 GROUND

Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.:	LS1508432R	
DWG. NO.:	1508432PAD	

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
 DATE: 5-2-2016
 SURVEYED BY: BK
 DRAWN BY: RMH
 APPROVED BY: RMH
 SHEET: 1 OF 1