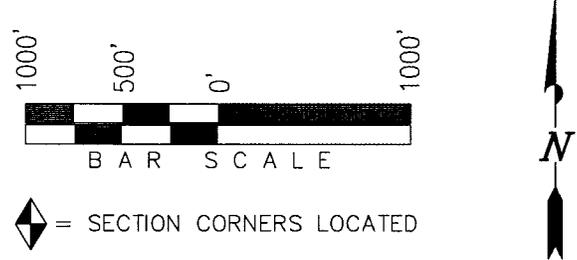
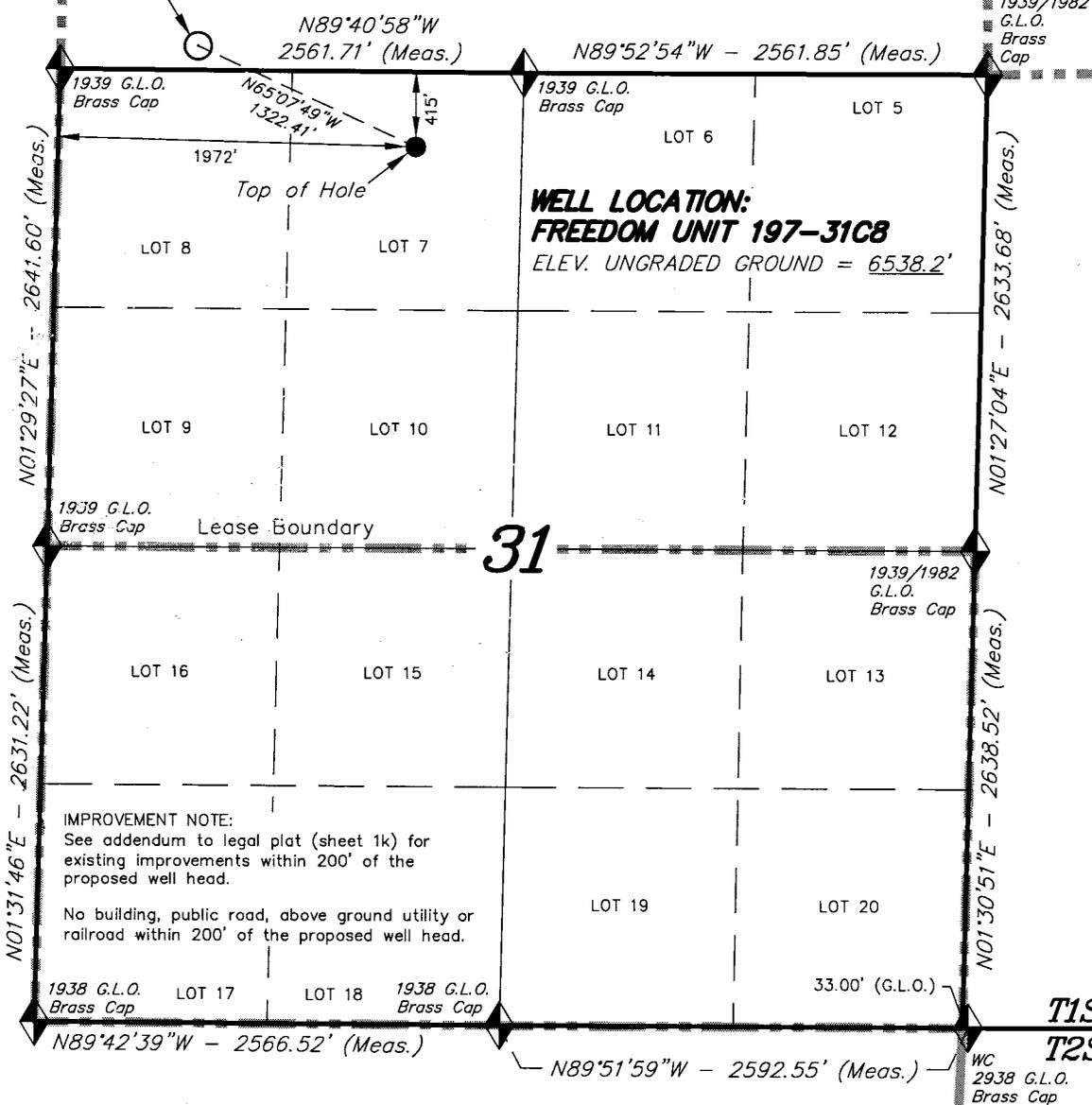


(See Sheet 1hh)
Bottom of Hole

T1S, R97W, 6th P.M.

Exxon Mobil Corporation

WELL LOCATION, FREEDOM UNIT 197-31C8,
LOCATED AS SHOWN IN THE NE 1/4 NW 1/4
(LOT 7) OF SECTION 31, T1S, R97W, 6th P.M.,
RIO BLANCO COUNTY, COLORADO.



BASIS OF BEARINGS & BASIS OF ELEVATION

BASIS OF BEARINGS IS A LINE BETWEEN MAGNOLIA & MEYERS TRIANGULATION STATION GRID COORDINATES WHICH IS ASSUMED TO BEAR S82°36'07"E.

BASIS OF ELEVATION IS MAGNOLIA TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 9, T2S, R96W, 6th P.M. REPORTED FROM THE NATIONAL GEODETIC SURVEY (NAVD 88). ELEVATION IS REPORTED AS BEING 7529 FEET.

- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.
 3. G.P.S. Operator: D. PETTY, (PDOP) = 2.6

THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Stacy L. ...
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 11301
 STATE OF COLORADO
 # 30125

CO-NORTH NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°55'33.35" (39.925930)	LONGITUDE = 108°19'34.00" (108.326111)
STATE PLANE COORDINATES	
N: = 1228491.344	E: = 2207529.220
CO-NORTH NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°55'33.45" (39.925958)	LONGITUDE = 108°19'31.68" (108.325466)
STATE PLANE COORDINATES	
N: = 228495.061	E: = 1207689.344

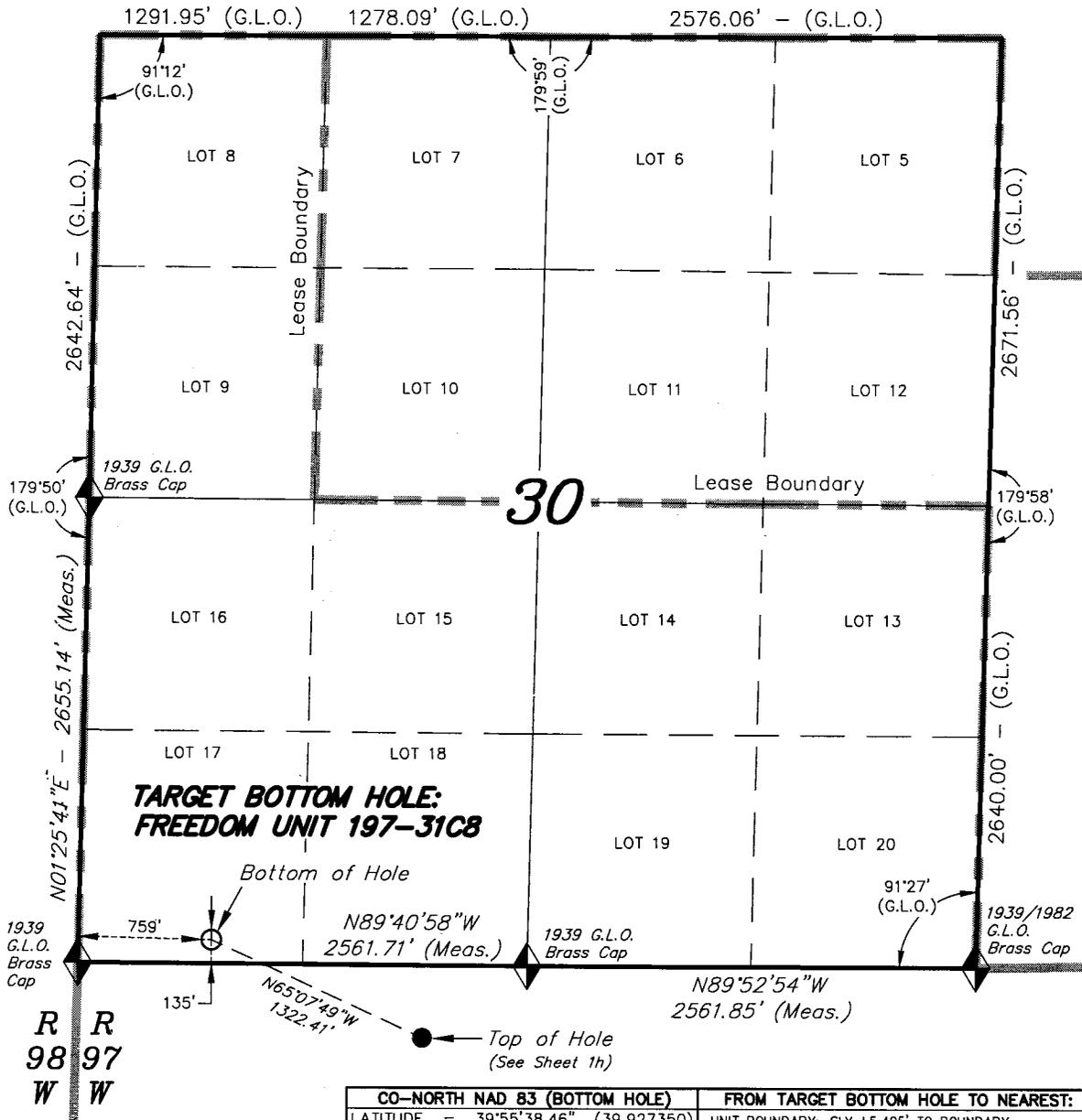
FROM SURFACE LOCATION TO NEAREST:	
TOWN/COMMUNITY:	NE 19.1 MILES TO MEEKER
UNIT BOUNDARY:	SLY ±4,856' TO BOUNDARY
UNIT BOUNDARY:	WLY ±1,972' TO BOUNDARY
LEASE BOUNDARY:	SLY ±2,220' TO BOUNDARY
LEASE BOUNDARY:	WLY ±1,972' TO BOUNDARY
EXISTING WELL:	NELY ±3,119' TO 30-4 FEDERAL

TRI STATE LAND SURVEYING & CONSULTING		
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501		
DATE SURVEYED: 01-02-06	SURVEYED BY: D.P.	SHEET 1h OF 8
DATE DRAWN: 02-15-06	DRAWN BY: D.COX	
REVISED: 02-26-07	SCALE: 1" = 1000'	

T1S, R97W, 6th P.M.

Exxon Mobil Corporation

TARGET BOTTOM HOLE, FREEDOM UNIT
197-31C8, LOCATED AS SHOWN IN THE SW 1/4
SW 1/4 (LOT 17) OF SECTION 30, T1S, R97W,
6th P.M., RIO BLANCO COUNTY, COLORADO.



◆ = SECTION CORNERS LOCATED

BASIS OF BEARINGS & BASIS OF ELEVATION

BASIS OF BEARINGS IS A LINE BETWEEN MAGNOLIA & MEYERS TRIANGULATION STATION GRID COORDINATES WHICH IS ASSUMED TO BEAR S82°36'07\"E.

BASIS OF ELEVATION IS MAGNOLIA TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 9, T2S, R96W, 6th P.M. REPORTED FROM THE NATIONAL GEODETIC SURVEY (NAVD 88). ELEVATION IS REPORTED AS BEING 7529 FEET.

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Stacy Collier
30125
REGISTERED LAND SURVEYOR
REGISTRATION NO. 113012
STATE OF COLORADO

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

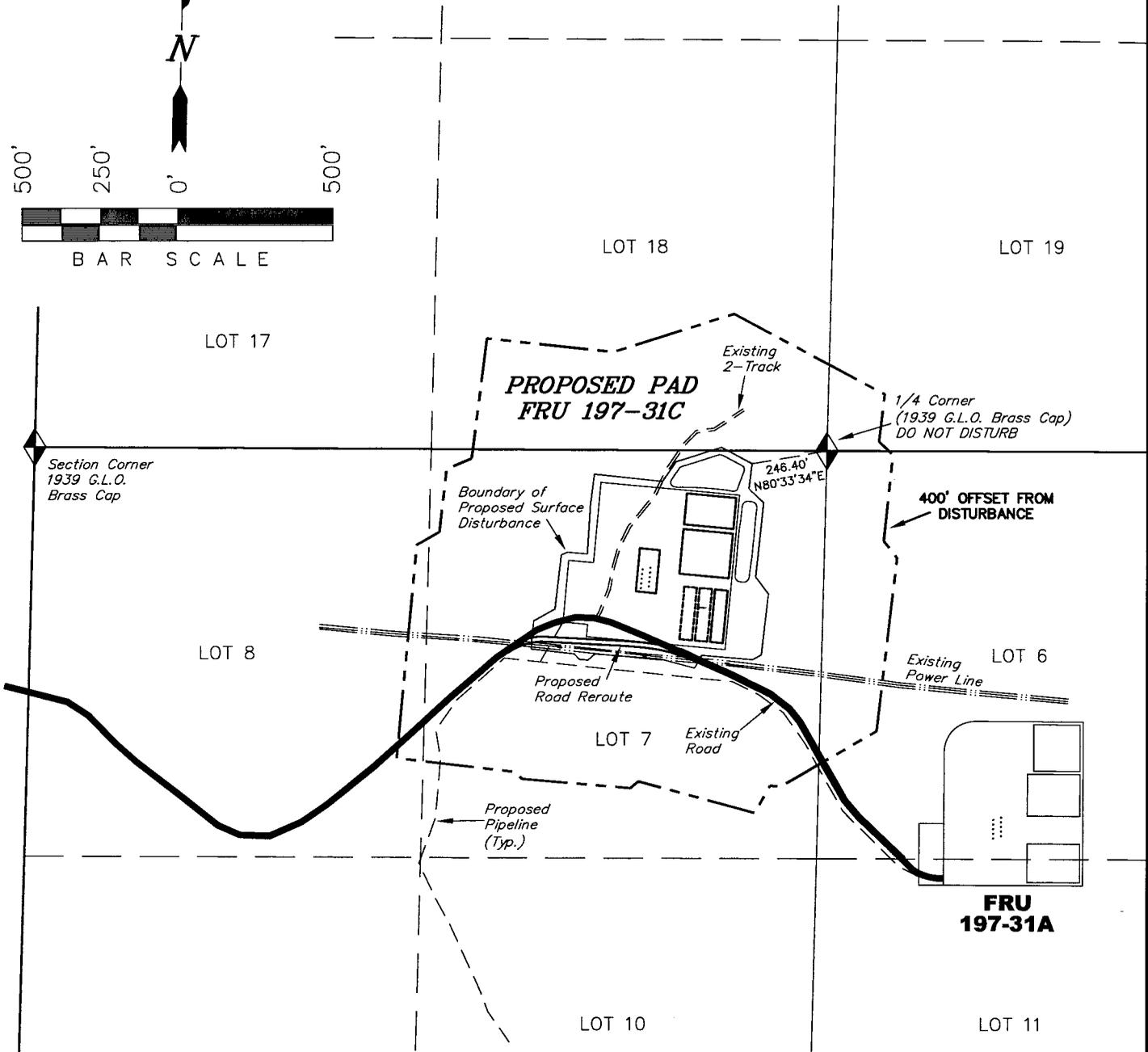
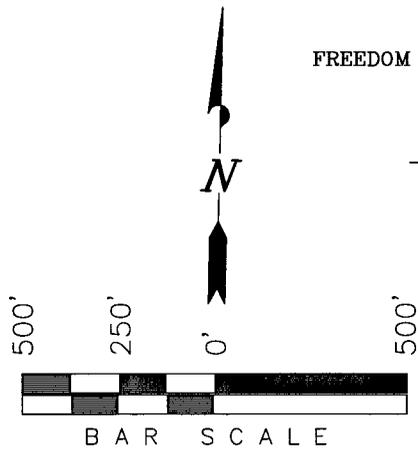
DATE SURVEYED: 01-02-06	SURVEYED BY: D.P.	SHEET 1hh OF 8
DATE DRAWN: 02-16-06	DRAWN BY: D.COX	
REVISED: 02-26-07	SCALE: 1" = 1000'	

CO-NORTH NAD 83 (BOTTOM HOLE)	FROM TARGET BOTTOM HOLE TO NEAREST:
LATITUDE = 39°55'38.46" (39.927350)	UNIT BOUNDARY: SLY ±5,405' TO BOUNDARY
LONGITUDE = 108°19'49.61" (108.330448)	UNIT BOUNDARY: WLY ±759' TO BOUNDARY
STATE PLANE COORDINATES	
N: = 1229050.299	E: = 2206329.864
LEASE BOUNDARY: SLY ±2,773' TO BOUNDARY	
LEASE BOUNDARY: WLY ±759' TO BOUNDARY	
CO-NORTH NAD 27 (BOTTOM HOLE)	
LATITUDE = 39°55'38.56" (39.927378)	
LONGITUDE = 108°19'47.29" (108.329804)	
STATE PLANE COORDINATES	
N: = 229051.000	E: = 1206490.000

Exxon Mobil Corporation

ADDENDUM TO LEGAL PLATS FOR

WELL PAD (FREEDOM CREEK UNIT 197-31C)
 FREEDOM CREEK UNIT 197-31C1, C2, C3, C4, C5, C6, C7, C8, C9 & C10
 Section 31, T1S, R97W, 6th P.M.



Section Corner
1939 G.L.O.
Brass Cap

1/4 Corner
(1939 G.L.O. Brass Cap)
DO NOT DISTURB

400' OFFSET FROM
DISTURBANCE

**FRU
197-31A**

SURFACE USE NOTE:
 Surface use of the well site is
 grazing. Vegetation
 consists mainly of Cedar Trees,
 Sagebrush & Native Grasses.

Sec 31

1/4 Corner
1939 G.L.O.
Brass Cap

Distances from Well Heads

WELL	BUILDING	ABOVE GROUND UTILITY	PUBLIC ROAD	RAILROAD
C1	N78°W 7588'	S06°W 277.70'	S22°W 210.70'	S28°E 35 Miles
C2	N78°W 7588'	S06°W 262.72'	S22°W 196.40'	S28°E 35 Miles
C3	N78°W 7588'	S06°W 247.80'	S22°W 182.11'	S28°E 35 Miles
C4	N78°W 7588'	S06°W 232.75'	S22°W 167.73'	S28°E 35 Miles
C5	N78°W 7588'	S06°W 217.72'	S22°W 153.37'	S28°E 35 Miles
C6	N78°W 7588'	S06°W 270.04'	S22°W 196.29'	S28°E 35 Miles
C7	N78°W 7588'	S06°W 254.96'	S22°W 181.87'	S28°E 35 Miles
C8	N78°W 7588'	S06°W 240.01'	S22°W 167.57'	S28°E 35 Miles
C9	N78°W 7588'	S06°W 224.98'	S22°W 153.21'	S28°E 35 Miles
C10	N78°W 7588'	S06°W 209.96'	S22°W 138.84'	S28°E 35 Miles

SURVEYED BY: D.P.	SURVEY DATE: 01-02-06
DRAWN BY: F.T.M.	DATE DRAWN: 09-22-09
SCALE: 1" = 500'	REVISED: F.T.M. 09-24-09

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**SHEET
2k
OF 12**